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JUNE 1908

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ROD AND GUN

AND MOTOR SPORTS IN CANADA

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New Brunswick's Record Moose

W. J. TAYLOR ~ PUBLISHER ~ WOODSTOCK ONT.

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WINCHESTER

22 AUTOMATIC RIFLE

HE'S YOURS!

THIS handy little ten-shot rifle, like history, repeats itself, the recoil being utilized to do the reloading. The novelty of its operation affords possibilities for practice and pleasure which no other "twenty-two" does. It makes an outing outfit complete.

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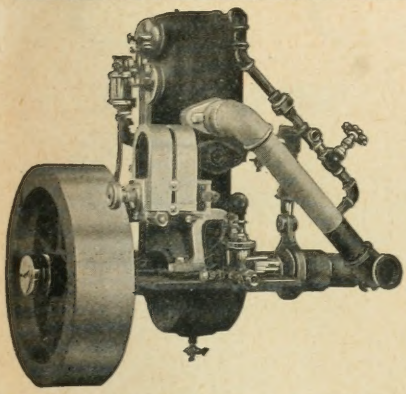

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Not if you had your wits about you, would you?

Why buy a counterfeit gasoline engine, supposed to be worth one hundred dollars, for twenty-nine forty? Does it sound reasonable? Of course it doesn't.

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ADAMS engines are the best engines we can make for the price we sell them at, and they couldn't be made any better if they sold for twice the money. Get our catalog, and when you want the best there is in gasoline engines remember that the ADAMS engine is IT.

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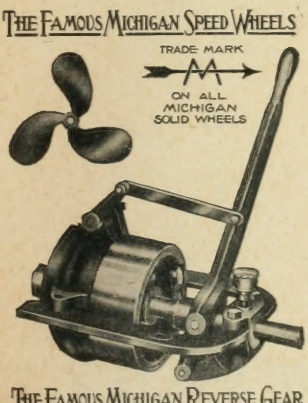

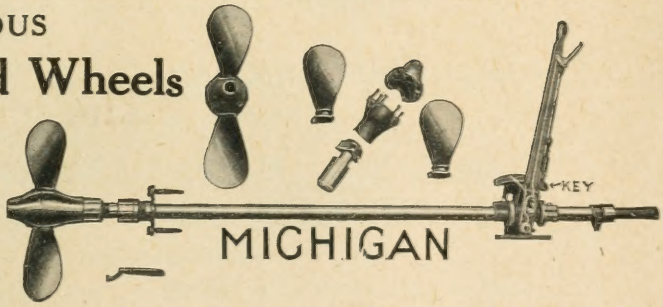

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The Michigan reverse gear are largely used by many of the leading engine builders and are sold on their merits and guaranteed.

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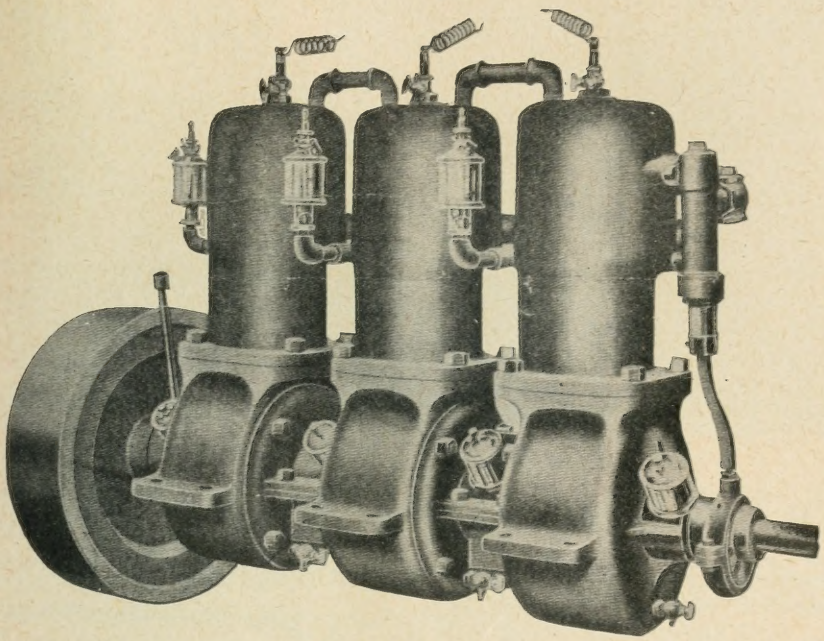

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Very Simple, Most Durable, Always Reliable.

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Our finished engines have no equal for workmanship, and the "Honest Injun" needs no further comment.

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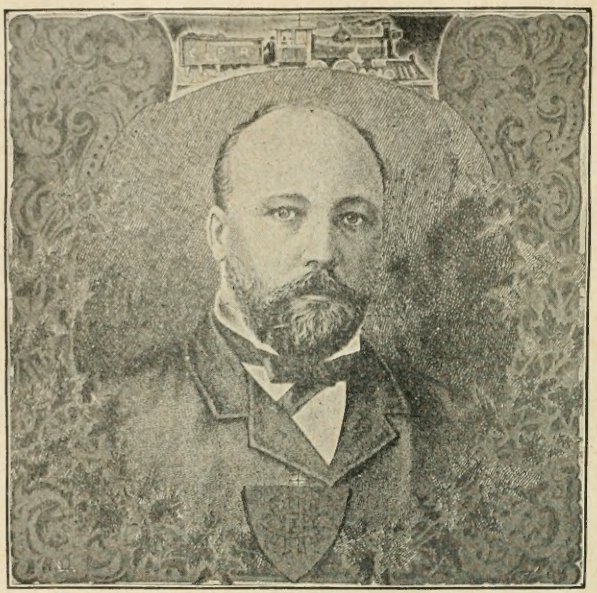

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and like it, tell your friends about it. It is for sale wherever Good Cigars are sold and smoked by the best judges of cigars.

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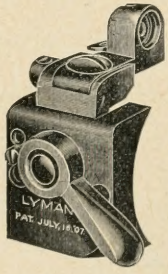

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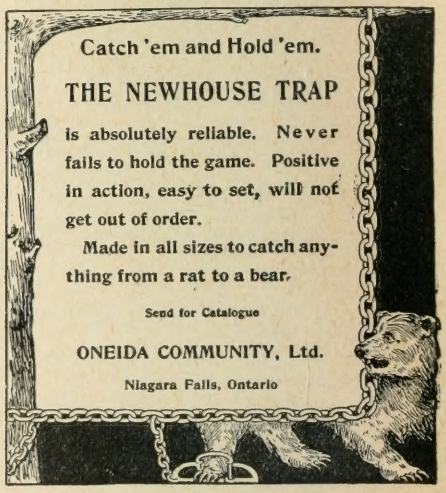
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Made in all sizes to catch anything from a rat to a bear.
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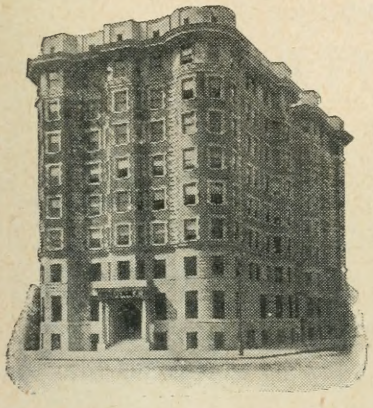

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7 ft. x 7 ft.	Wall Tents	$4.95,	Poles and Pegs	Extra	$1.10
8 ft. x 10 ft.	"	$6.10,	"	"	$1.25
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Terms strictly nett cash with order.

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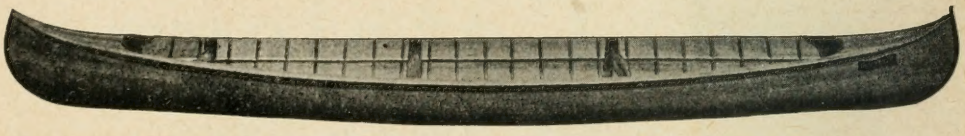
Safe, Staunch and Reliable. **The Canoe for the long trip.**



Our 1908 models of prospecting and pleasure canoes are now ready for delivery. A large stock to choose from which will satisfy the purchaser under all conditions. Don't fail to send for catalogue.

The J. H. Ross Canoe Co.

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The Best Tribute to the Sporting Quality

of the territory traversed by the

SIX RAILWAYS OF THE

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Canadian Northern System

Was the description applied to the Canadian Northern display at the Toronto Automobile and Sportsmen's Show, by the Lieutenant Governor of Ontario, in his speech declaring the Exhibition open. He said it was "A Very Great Exhibit."

By common consent, the Canadian Northern Exhibit was the best collection of new trophies ever assembled in Canada. It was the first time the Canadian Northern Railway System was represented in any Exhibition. Sportsmen are just learning of the extraordinary natural wealth which Canadian Northern Railways make accessible to the fisherman and hunter.

Here is a bare summary of the choice that is offered you:

IN ONTARIO: There are (1) the region round about Muskoka Lakes; (2) the rivers, lakes and inlets of Georgian Bay, between Parry Sound and the French River; (3) the country surrounding the Moose Mountain Iron Mines, north of Sudbury; and (4) the unequalled lakes, rivers and woods, along the old Dawson Water Route to the West, from Port Arthur to the Lake of the Woods.

IN QUEBEC: Five hundred miles of line from Hawkesbury, on the Ottawa River, to Chicoutimi on the Saguenay; traversing the Valleys of the Ottawa, the St. Maurice, and the Batiscan; the Laurentian Mountains, and the remarkable Lake St. John region. The new line to La Tuque reaches a preserve belonging to the Quebec & Lake St. John Railway.

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IN MANITOBA: The Riding and Duck Mountains; the Porcupine Forest Reserves; and the resorts of game around Lakes Winnipeg, Manitoba, and Dauphin.

IN SASKATCHEWAN: The woodlands, rivers and lakes, north of the towns in the Saskatchewan Valley, such as Prince Albert and the Battlefords; and the district through which the railways to Hudson Bay as far as the Pas, is built.

IN ALBERTA: The whole country which makes Edmonton the largest fur trade centre in Canada; including the Valley of the Athabasca; and the streams that come down from the Rocky Mountains.

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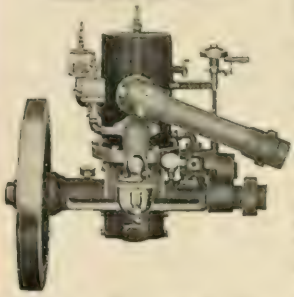
S.&B. 6 h. p. 2-Cycle MARINE ENGINE $98

The simplest, strongest and most durable Marine Engine ever put on the market at this price. Noiseless—no cranking—easy to start—easy to operate—nothing to get out of order.

Three port designs.
Jump spark ignition.
Float feed carburetor.



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Will not "skip"
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Every engine tested over and above rated h. p.
Materials and workmanship guaranteed.

Write for our handsome catalog going into the details of its superior advantages over other engines of its class.

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POWDER—Win High Honors

BALLISTITE won the Grand American Handicap, while the high average for nearly all the events was captured by Empire Shooters.

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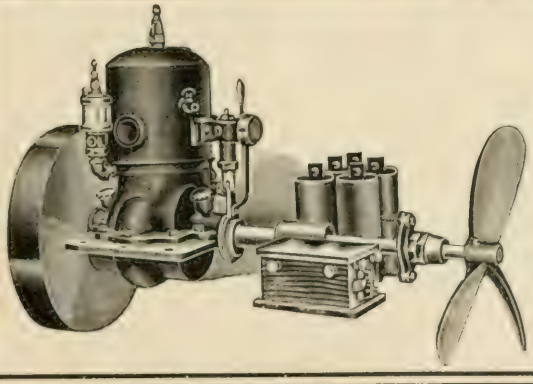

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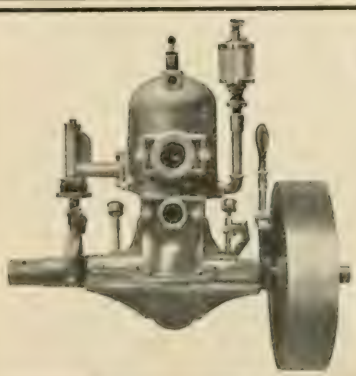

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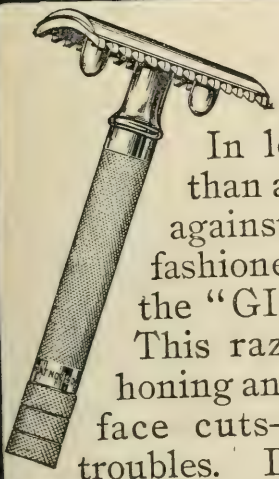

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This razor means freedom from honing and stropping—freedom from face cuts—freedom from shaving troubles. Do YOU know this easy, speedy method of shaving?

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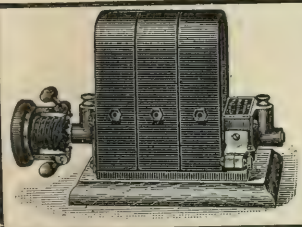

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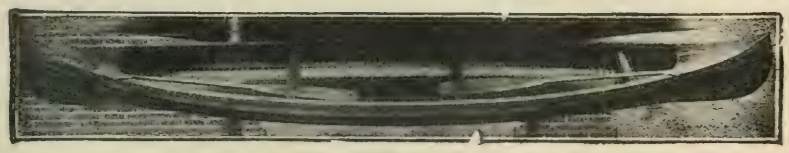

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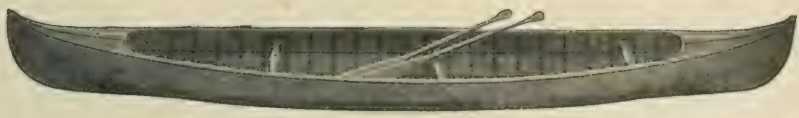

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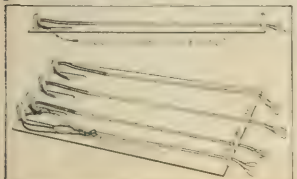

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2 ACTUAL H. P. Bare Engine $23

Complete Engine with Accessories and Fresh Water Boat Fittings, $43.75. Salt Water Boat Fittings, $5 extra. Swiftest, most powerful, efficient and reliable engine of its size on earth. Simple, compact, strong, durable, reversible, economical and safe. Anyone can install and run it. Drives boat 5 to 8 miles an hour. Sold from factory to user on 30 day's approval and 5-year guarantee. Prompt shipment. Order now.

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Silk bound, waterproof, Split Cane Rod in Trout and Bass. Strongest rod in the world. Every dealer and fisherman should see this rod. Price is most reasonable and within the reach of all. Made only by us in our factory at Toronto

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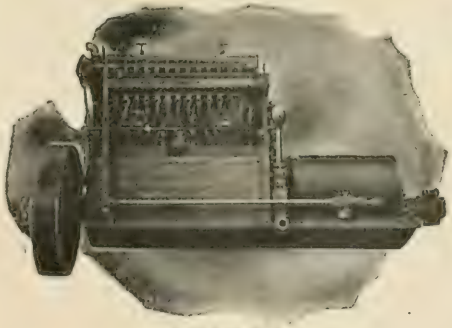

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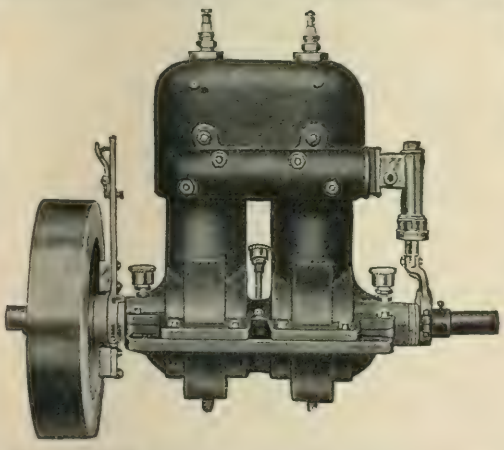

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With upright timer and Schebler Carburetor - - - - - **$130.00**

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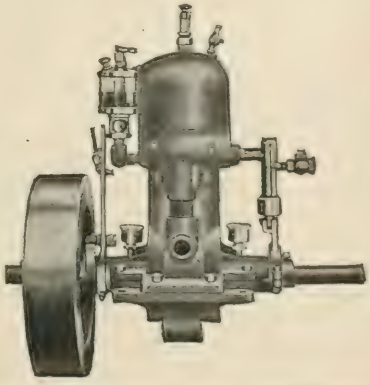

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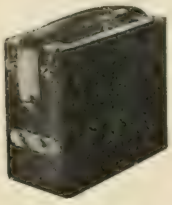

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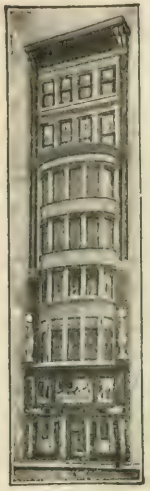

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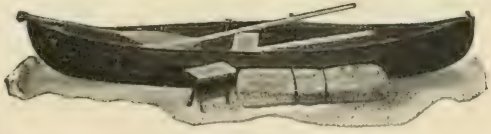

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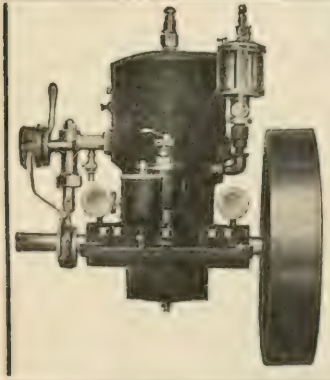

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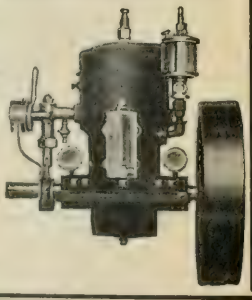

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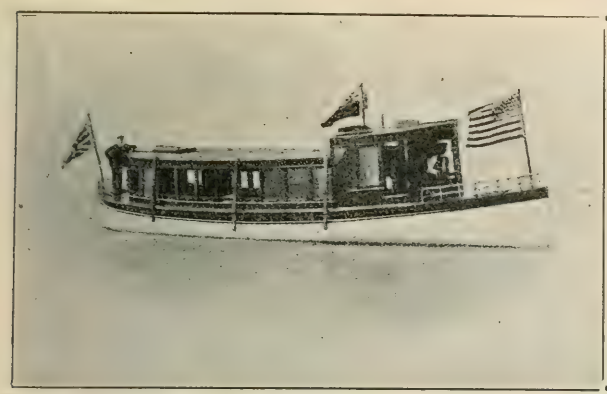

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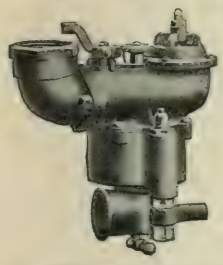

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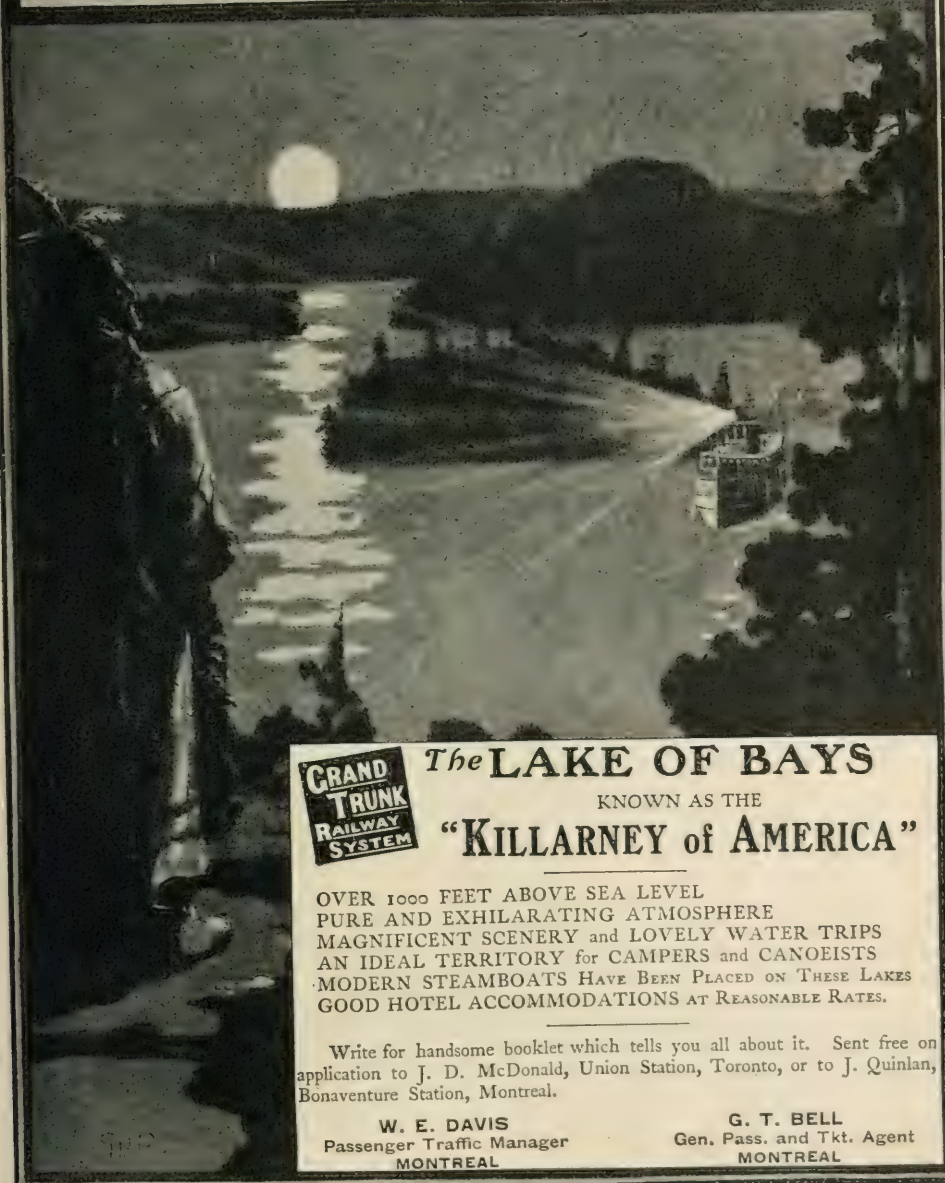

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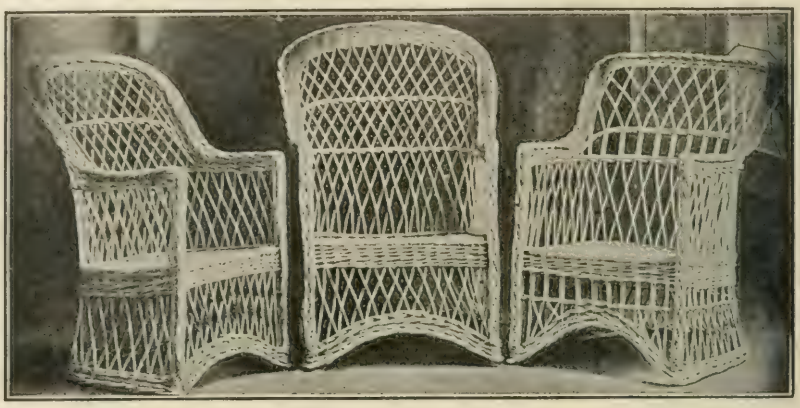

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Size of seat	16x11	19x19	18x17
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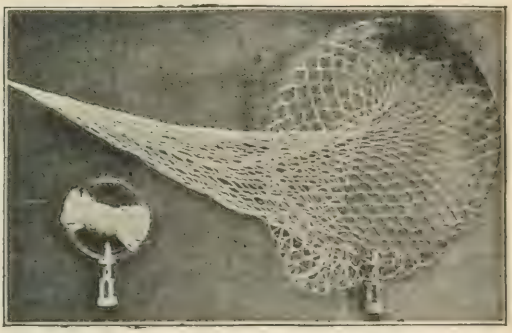

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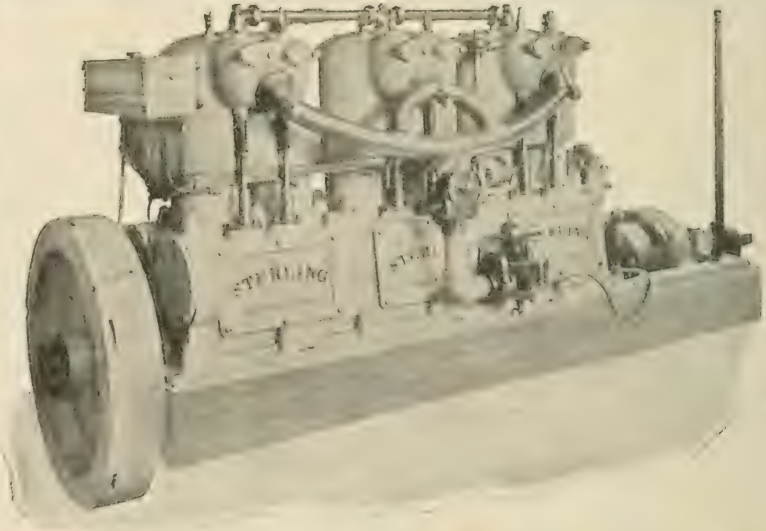

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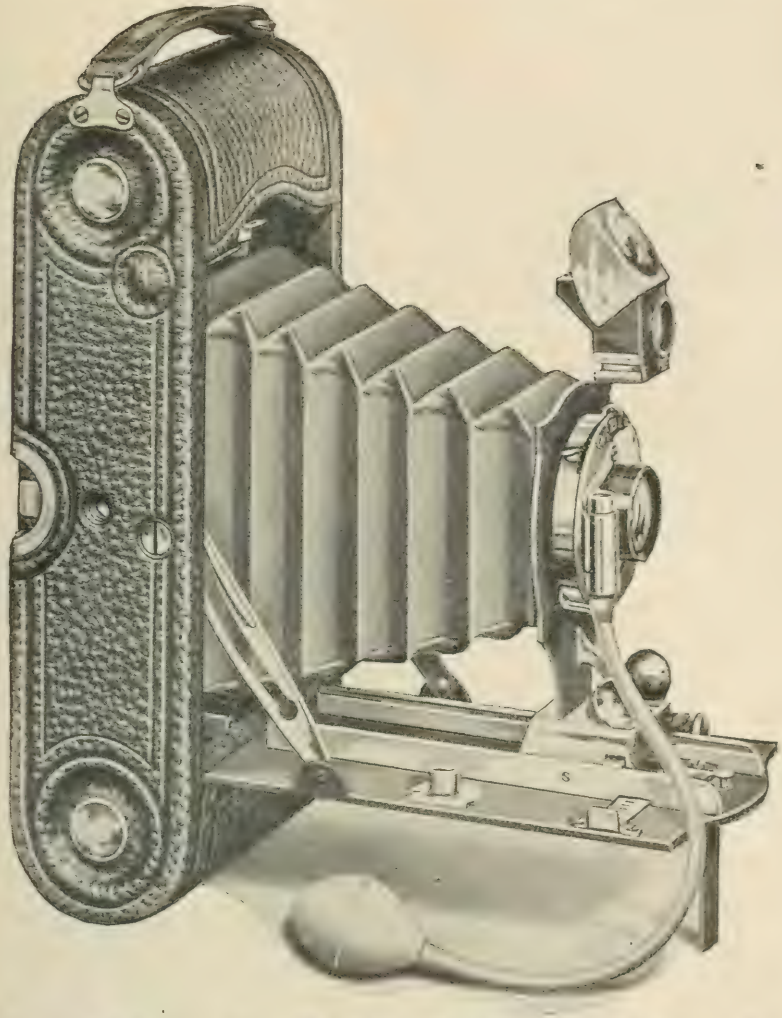

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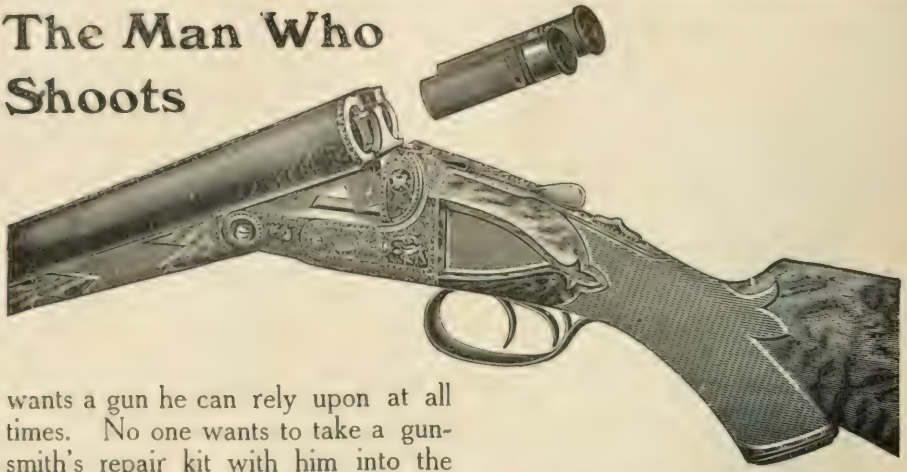

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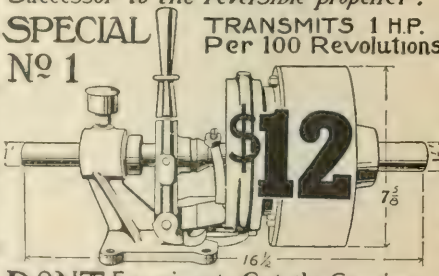

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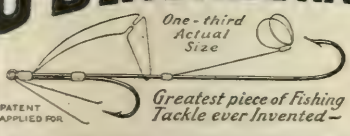

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PATENT APPLIED FOR

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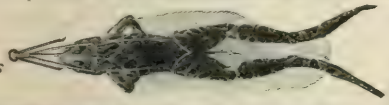

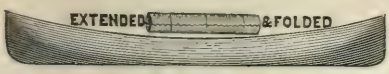

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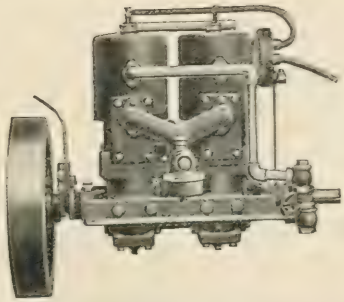

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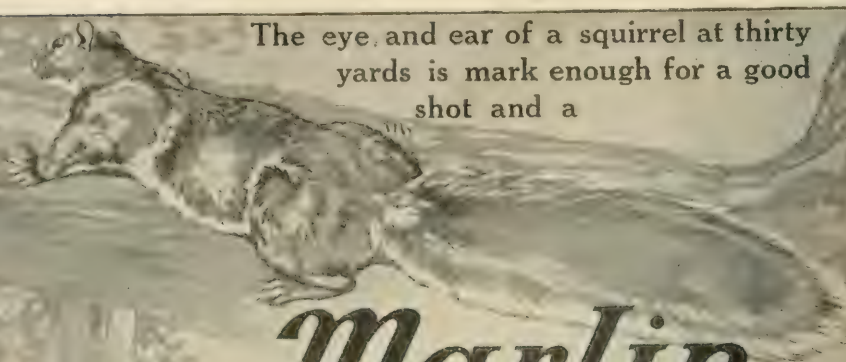

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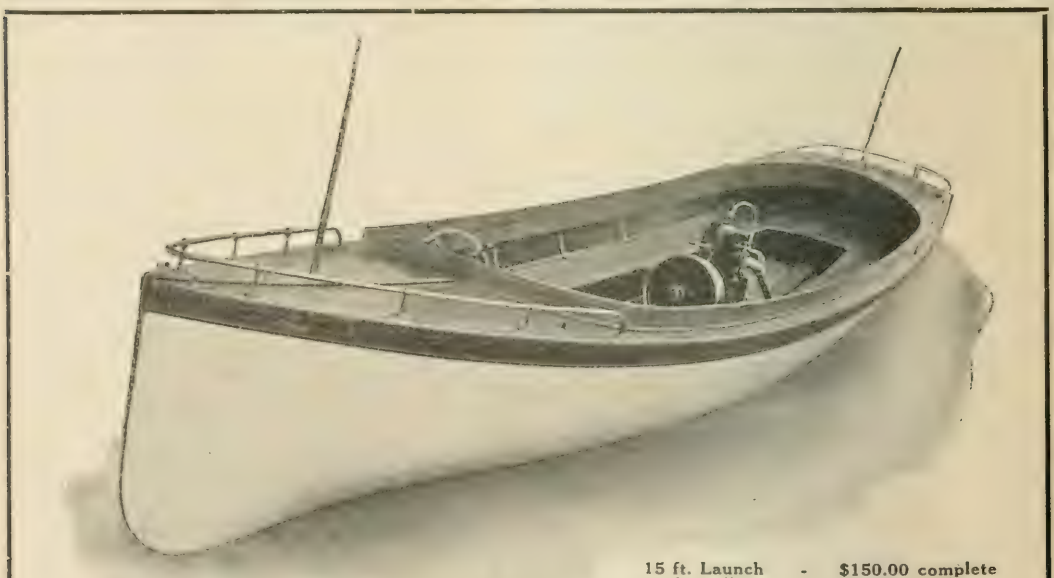

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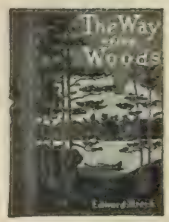

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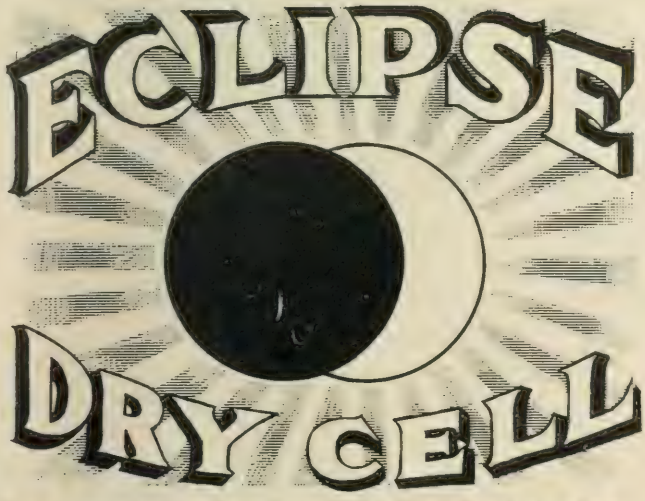

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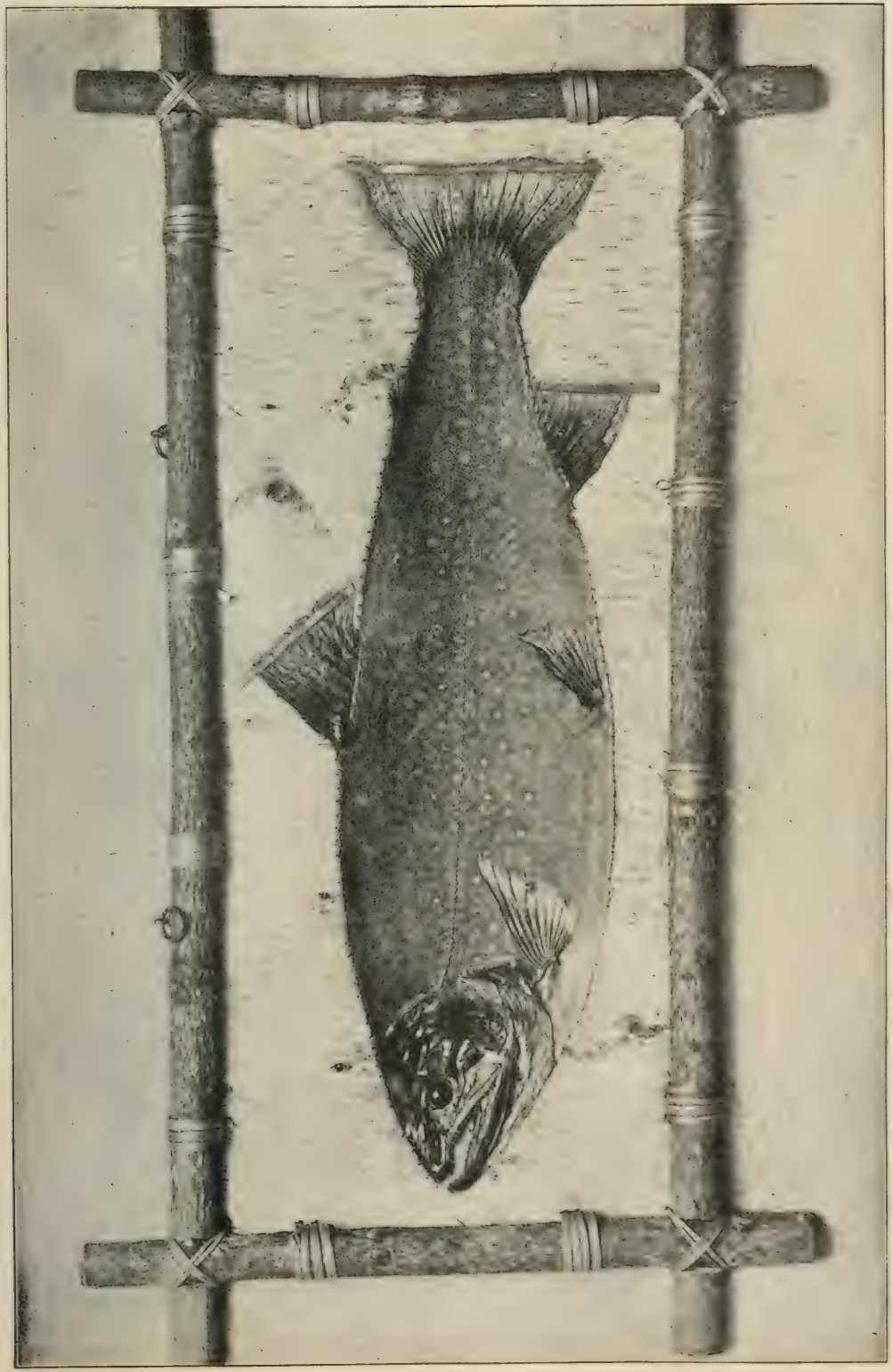

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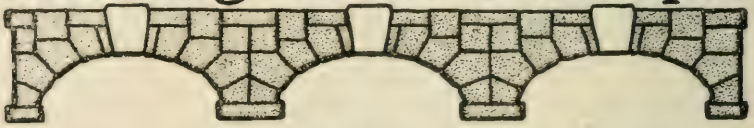
The Keystone Principle



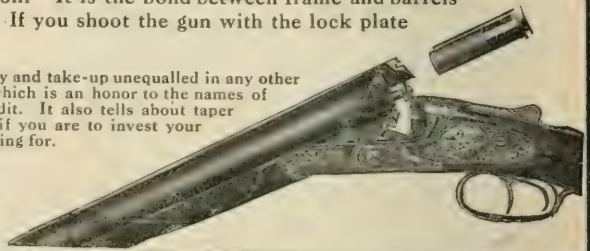
AGES and ages ago, the arch of a building might collapse. The simple principle hidden in the keystone was not then fully understood. Today such a thing as collapse would be improbable; every builder has *grasped the idea.*

A few years ago a gun might shoot loose and get out of order. "Gun collapse" was taken for granted; today it has no excuse. Lefever construction may be seen in any gun store.

Lefever Shot Gun

action is readily understood. The keystone in an arch, with its problems of weight, thrust and resistance, is no more wonderful than the Lefever cocking hook. This *one part* does the cocking and extracting with one motion. It is the bond between frame and barrels —exact, substantial, and so simple. If you shoot the gun with the lock plate removed, you will "grasp the idea."

Our catalogue will tell you of barrel rigidity and take-up unequalled in any other gun. It tells about steel in these guns which is an honor to the names of Europe's great steel makers—not a discredit. It also tells about taper boring and other things you must know if you are to invest your money right. It is a catalogue worth sending for.



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20 Maltbie Street, Syracuse, N. Y.

VOL. X No. 1

Rod and Gun and Motor Sports in Canada

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Issued Monthly. Yearly Subscriptions, $1.00 in advance. Single Copies, 15c

Communications on all topics pertaining to fishing, shooting, canoeing, yachting, automobiling, the kennel, amateur photography and trapshooting will be welcomed and published if possible. All communications must be accompanied by the name of the writer, not necessarily for publication, however.

ROD AND GUN AND MOTOR SPORTS IN CANADA does not assume any responsibility for or necessarily endorse, any views expressed by contributors to its columns. ***W. J. TAYLOR Publisher, Woodstock, Ont.***

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Entered Feb. 17, 1908, at the Post Office at Buffalo, N.Y., as second-class matter under act of March 3, 1908

YELLOW ADDER'S TONGUE.
(*Erythronium Giganteum.*)

ROD AND GUN
AND MOTOR SPORTS IN CANADA

VOL. X JUNE 1908 NO. 1

Our Ninth Birthday.

THIS issue marks the ninth birthday of "Rod and Gun" and finds it occupying a position of ever growing strength and usefulness. During the past twelve months it has taken a firmer hold on the affections of its great army of readers and by securing contributions from all parts of the Dominion has succeeded in making its pages a valuable guide to both native and visiting sportsmen.

On this one occasion of the year a little note of triumph is allowable. "Rod and Gun" has filled a distinct place in the public life of the Dominion and appears to be filling it more and more effectually with each passing year. Its scope is ever widening as its area of circulation is ever increasing. With the constant growth in its army of readers its sphere of usefulness and influence is correspondingly extended, and the services it renders the country of more value than ever. Outdoor life in its many phases throughout the Dominion is dealt with very fully and all sportsmen can depend upon finding within its pages something dealing with their favourite form of recreation.

Recognition of the important services rendered by the Magazine to the country have continued to accumulate during the past twelve months. In addition to many private appreciations sent from all parts of Canada, as well as many from abroad, the Magazine has been appointed the official mouthpiece of practically all the Forest, Fish and Game Protective Associations throughout the Dominion. This public testimony to its usefullness and good work is most gratifying to those responsible for its policy in steadfastly advocating the safeguarding of the great national assets by the Dominion and Provincial Governments.

While the conductors naturally feel elated in surveying the work of the past and the position at present, they wish to acknowledge very fully their indebtedness for success in this work to both readers and contributors. Those who have found the Magazine of service to themselves have not been backward in recommending it to others, thus aiding in the most effective manner in extending its circulation and influence. Our contributors have given of their best with the result that all parts of the Dominion have been treated in our pages, giving a variety and interest unsurpassed elsewhere. In no other publication is it possible to find such a wealth of personal experiences in outdoor sports throughout the Dominion. So wide and varied are both area and subjects dealt with, that although particularly commended to sportsmen, they likewise prove of considerable interest to the general reader of wide tastes.

With our largely increasing circulation, and the fine numbers we have produced each month, our advertising clients have gained very materially. We rejoice in their successes along with our own ; and feel that while we have given them full value for every dollar they have spent with the Magazine, they are at the same time entitled to our recognition and thanks for announcements which have lent interest to the contents of each issue. The number and character of advertisements

form no bad index to the standing of a Magazine and in this respect "Rod and Gun" has good reasons to feel grateful.

As to the future, plans for 1908 have been fully prepared and are well advanced in execution. The same policy which has hitherto characterized the Magazine will continue to distinguish it, with the added force which increasing knowledge and experience may give to our advocacy. Personal experiences in the woods, waters and mountains of Canada will be given each month, while attention to the great developements in motoring on both land and water will form one of the principal features of forthcoming numbers. In this way we hope the successes of the past may be continued in an even more generous measure than has already been accorded us.

The First of the Season.

BY GRASSHOPPER.

AT last, after waiting since November, the first of April arrived, and the fishing season opened. We had been busy overhauling tackle, varnishing rods, and binding on rings in preparation for the first day of the season. The last week in March had been very fine and warm, and the prospects looked good for us, but bad for the fish. The anticipation had been almost as good as the realization. Now the fatal day had arrived, and the serious problem to be solved was whether we should go up or down the river. Eventually, we decided to go down, so we started away in good time to catch them hunting for breakfast. After about two hours drive we arrived at the favorite spot, but we had to cross about twenty yards of ice to get to the open water. We made several casts, but had no results, or the results were nil, whichever way you like to put it. In plain English we did not get a bite.

Suddenly there was an awful crash, and we were adrift in the celebrated Bow River on an iceberg. But our troubles had only just commenced, and in our struggles to steer the good ship into port, she parted in the middle, and we were struggling in the icy waters of the Bow. But we managed to scramble ashore, and as the thermometer was 80 it did not take very long to get dry.

Then we decided to fish from the bank in future. We soon found an open spot near the shore, and started again. It was not long before there was a terrible pull at the line. I shouted, "Look out, Tommy I have a beauty on here. It will not move from the bottom."

"It must be a big sucker," answered Tommy. I said, "I don't know what it is, but it is terribly heavy."

It kept going down stream, and I could not stop it although I was trying hard. Then I tried to turn it, but no, it would not be turned. So I said something must be done, as there was nearly one hundred yards of line out. I decided to hold it, which I did. I felt it gradually weaken, and it was getting near the shore. So Tommy ran down the bank to assist in the landing.

"Look out!" I shouted to Tommy, "and don't lose it."

At last the pull began to get weak and I felt sure of a beauty. I began to wind up, and when I got to the fish, the hook was fast in a lump of ice weighing about fifty pounds.

After this excitement, we decided to pack up for the day, which we did, and as we could not catch fish, we spent the remainder of the day in killing gophers.

A Record Breaking Moose Hunt.

BY DR. W. L. MUNRO.

WERE you ever, for even a short time, a celebrity? Have you known the proud sensation of having your fellow mortals requesting an introduction to you, or even seeking the privilege of grasping your hand without the formality of a presentation? Have you been besieged, and in a prohibition town at that, with invitations innumerable to wet it down? And all because you had shot a moose with horns an inch wider than had ever before been brought into camp in the province?

If so, you can sympathize with me. Verily, one might have thought that my friends of the moment hailed and made the most of such an opportunity for libations.

NEW BRUNSWICK'S RECORD MOOSE.

Our fall campaign began somewhat strenuously. Leaving home a day later than my party, and traveling by rail as far as Perth Junction, where the Tobique empties into the St. John's, I left the rail at that point and drove twenty-two miles in a driving rain to Plaster Rock where I discarded my glad rags and donned my sporting garments, had supper and started an hour or two later in pitchy darkness and pouring rain on another thirty-five mile drive to the Forks of the Tobique.

We wallowed through mud for about a mile, when I discovered that my rifle was left behind; so back we went. Meanwhile a message had come for my jehu, Whit Bishop, to bring back a larger

SPREAD SIXTY-EIGHT AND A QUARTER INCHES.

party the next day; so I sat on the seat in the rain while another wagon was made ready, the wheels greased and the horses put in, when we again started.

The road was very rough and the night rougher, but I went to sleep sitting bolt upright. Whit was worried at first, but, finding that I could balance myself and stay in, asleep as well as awake, finally let me alone and the drive became for me a short one.

We reached Miller's at the Forks, the last house on Tobique, at two a.m., had a few hours sleep and betimes the next morning took to the canoe for our three days' trip up the left branch.

My guide, Charlie Cremin, poled and I paddled. We saw three deer and three caribou on the river, and from time to time came upon little red squirrels swimming from bank to bank. Here and there in the pools the salmon were still to be seen. The river was very high and the water quick. While we had been having a prolonged drought in the States, in New Brunswick it had rained almost every day during the summer.

Noon of the third day brought us to Adam Moore's home camp where we lunched. A party of three, one a young lady, was just starting for home, having secured two moose.

Before dark we were at headquarters, Charlie Cremin's camp on Bathurst Lake, in the heart of as fine moose country as can be found anywhere.

We began the serious business of the trip at once, paddling down through the lakes as far as the Big Bogan, Charlie calling from time to time. We saw one deer and three moose, only one of them a bull and that a spike-horn and therefore not shootable.

There can be no doubt that the big game are familiar with the laws enacted for their benefit. All summer long they stand around in the most bare-faced way, bulls as well as cows, but at midnight, on the 14th of September, the old fellows with the big heads betake themselves to the cedar swamps and tamarack thickets, seldom emerging into the open except at hours when sane mortals should be resting quietly in bed, while the cows, calves and spike-horn bulls,

immune to the sportsman by legislative enactment, disport themselves brazenly and defiantly. When by chance one of the big fellows amorously inclined, for it is only when amorous that they become reckless, has drawn your fire and received his quietus, some fellow with a still bigger head, impudently confiding in the law which only allows you to shoot one bull a season, takes a fiendish pleasure in coming right out into the open as if taunting you with the still greater charms which might have been yours. This, however, is a digression.

The calling season was later than usual this year, and the moose still came to water in numbers at night and fed well into the morning. Each sunrise found both Tom and myself out with our guides, after a scanty lunch and cup of coffee in the cook-room, pursuing the elusive moose, until it was evident that Fate was not smiling upon us that morning, when we went back to breakfast. Sometimes trout fishing and partridge shooting filled in the middle of the day until an hour or two before sunset, when we once more resumed the quest of the moose. Charlie and Dave, our guides, poured out their souls through the calling horns in a wealth of amorous suggestiveness which would have made the fortune of a soubrette.

Our wooing was in vain. The very first day Tom saw a fine young bull with a 42-inch head which was, of course, below his standard. The big fellows, however, still laid low.

Occasionally we varied the program by a tramp over the ridges or up some old tote-road to a beaver pond. Everywhere were fresh tracks and fresh signs of all kinds.

Tom, with Dave Edwards his guide, stayed at the home camp and put in some strenuous work in calling at the Big Bogan, where a big moose amused himself by answering, but wouldn't come out to be shot.

Charlie and I went down the Nipisiguit to "75" where we made camp in a little shack about 6x9 and too low to allow of standing upright, while the door was about 3½ feet high.

The shack stood just at the angle of Goose-neck Bend, so that we had a fine chance both up and down the river.

Charlie called night and morning and got an answer from time to time, but from a distance of a mile or two. During the day we took long tramps up the old lumbering roads, seeing lots of fresh signs but no bulls. On the afternoon of the second day our return degenerated into a partridge-shooting excursion. Charlie had my target pistol and, out of eight birds seen, shot six.

That evening the bull answered as usual after dark. The next morning Charlie turned out just before daylight and had called once when he saw two moose come around the bend down the river. It was not light enough to see what they were, but he called me. The way we were living, getting up was dead easy, and I was with him in a minute.

The moose came up the stream about 300 yards and then turned into the alders of the Goose-neck Bend. Figuring that they would cross the point and come into Goose Pond, a dead water above, we slippped into the canoe and took our station so as to command it, Charlie keeping the prow of the canoe dead on. For some reason the moose do not seem to be able to size up a canoe when seen in this way, but will take alarm at once if it is seen broadside. It was still quite dark. The moose crossed the point, a distance of 250 yards, thickly studded with alders, and only once did we hear the slightest sound. After a few minutes a very large black cow stepped into the water and about one minute later my bull. Both saw the canoe at once and stood still, watching and evidently puzzled.

Without taking his paddle from the water, Charlie advanced the canoe noiselessly toward them, while, I, moving slowly and cautiously, got out my glasses and studied the head. Satisfied with my inspection, I took up my rifle and fired at a distance of 125 yards, Charlie having covered at least half of the space between us and the game.

The big fellow, standing up to his middle in water, gave a tremendous jump, coming completely out with a splash and noise equal to that made by a beaver's tail.

A moment later he started for our

side of the river and I fired again, the ball passing through and breaking the hip just as he reached the bank.

When we got out of the canoe he was lying down not fifteen feet away and the spread of his antlers looked enormous.

The moose got up, looking as wicked as original sin, with his ears laid low on his head and his mane up, and moved away about fifty yards, when I fired again to knock him down. A final shot killed him outright. All of this time the big cow stood in the water.

It was now just about light, so we went back to the shack and had breakfast. We had a theory that if we ate enough raw Bermuda onions the moose couldn't smell us to tell what we were, and we consistently lived up to our theory even after I shot the moose.

After breakfast we secured some photographs, took some measurements and found to our joy that we had the record moose. We then spent the morning in skinning him out and dressing the meat.

He was a very black fellow about six years old. The spread was 68 1-4 inches. The blades measured 16 inches and the burr 12 1-2 inches. The points were long and massive. The hind quarters we carried out to the canoe on a pole between us, and it was a heavy lug. The fore quarters we left there, to be given to the lumbermen.

After lunch we started up the river to the home camp on Bathurst Lake, with our canoe so heavily loaded that Charlie had to get out and drag it through the shallows of the thoroughfare. Our return to camp was a triumphal one.

For a day or two we hunted the ridges. It was now quite cold, the thermometer falling to 14 and 16 degrees in the morning, and we had occasional snow storms, so that we found about half an inch of snow on the hills. Bear tracks were numerous, but we saw no bear. The news reached us that Mr. Russell of London, England, at the other end of the preserve on Upsalquitch Lake, had shot a 61-inch moose with 29 points, and also a bear.

A day or two later we again started down the river for the Meadow Brook Camp and caribou-barrens. The water was low and it was necessary to pole all the way.

The first afternoon we met Russell and Dave Cremin and I really felt mean when I had to tell the former that his big head was a small one from our point of view. We went to the barrens on the top of the hills some 1400 feet above the river, and found lots of very sweet blueberries, but saw only four caribou, and as the day was far advanced we returned to camp.

The next morning was very grey and cold. We had hardly climbed the hills before it began to blow a tremendous gale, cold as Greenland, with hail and rain, so we started for camp and arrived wet through. In the afternoon Dr. and Mrs. Smith and their party joined us.

We started early the next morning. No sooner had I loaded my rifle and tried to put it at half cock than it went off. Charlie evidently thought it was a tenderfoot trick, for he took the gun, but after letting off two in rapid succession he decided to thaw it out. Arrived on the hills we saw a bunch of caribou on a higher summit about two miles away, so we crossed the valley towards them. When we came out of the tree line we saw another bunch on the hill we had left, and close behind them Tom and Dave, so we watched them with the glasses until we saw Dave spy them and point them out to Tom, who fired at the bull, but we couldn't see whether he got him.

Then began our own fun. We advanced to within a quarter of a mile of the herd of seventeen caribou and could make out with the glasses five bulls and three horned cows. It was now nearly noon and they were preparing to lie down for their siesta. Three of the smaller bulls were constantly quarrelling and locking horns, but whenever the one on whom we had pinned our faith approached, they gave him a wide berth. It was necessary to move cautiously and look out for the cows, for they are generally the ones to stampede the herd.

Leaving Charlie lying behind a bush, I began my tortuous progress on my belly, crawling from burnt log to burnt log, taking advantage of every shrub and depression and always ready to lie low when I saw any of them looking

my way. In about a half hour's time I had crawled four or five hundred yards, when my bull got up and I immediately stood erect and fired. He never knew what struck him, the first ball breaking the neck at the shoulder. The horns were of the round variety and hence had comparatively few points, but the brow pieces were good and he had a fine cleaver exactly in the middle of the face. I was warm enough, but Charlie had been obliged to lie still and was half frozen.

The next day we started for camp, Charlie carrying the basket as far as the river, while I covered the first three miles with my big pack on a tump-line on my back. At the river we separated, Charlie for a whole day of hard poling, while I with my gun, camera and field glasses, took the tote-road. It was very cold and the canoe and everything in it iced up. Charlie had to stop three times that morning to build a fire and thaw out his pole. The last stage from Silver Brook to home camp I started on with the certainty that it would be dark before I had completed the twenty-two miles, so I took a lantern. About an hour after dark I turned in on a trail which I thought ought to head me for camp, but finding a lot of logs gotten out and peeled, which I did not recognize, I turned back and went a mile or two farther, finally coming out all right. A day or two later I struck that trail by daylight, and found that those logs were only about 250 feet from and in plain sight of camp.

The remaining days were spent in hunting bear and partridges. We set a bear trap, but it was too late in the season and I got nothing.

Ice had formed very hard on the still water, so Charlie and I put in one very strenuous afternoon chopping a track a mile long and the width of the canoe through the worst of it, in case Dr. Smith should be coming back. As luck would have it, their flotilla of three canoes appeared just as we had reached open water. Dr. Smith had shot a fine caribou.

A day or two later Mr. Russell's party joined us, bringing his moose head. He was suffering from rheumatism—just enough to prevent his climbing to the barrens for caribou.

The next morning, Sunday, was devoted to securing photographs of the heads and in the afternoon we made the first stage, as far as Adam Moore's Nictau Camp on the homeward journey. Little Nictau Lake was frozen so hard that we put the loaded canoes on toboggans and pushed them the length of the lake. Two days more brought us to the edge of the civilized world. Ours was a triumphal progress, even though it rained continuously one day and snowed just as steadily the next. The head had to be put lengthwise of the canoe instead of across, as usual, and the points made the finest kind of a bracket to hold the pole when not in use.

Dr. and Mrs. Smith and Justin came down one day later, but we did not meet for five days as the big head demanded my convoy to Fredericton. One needed no evidence that New Brunswick is a sporting community. Everywhere the fame of the head had preceded us, and I found myself a man of note, for the record never before went to anyone outside of the Province.

Uncle Henry Braithwaite, the Dean of New Brunswick guides, and our other friends congratulated Charlie and myself heartily on our good fortune.

As was fitting, the record head of New Brunswick was left with Emack Brothers at Fredericton, to be mounted, and the finished trophy bears witness to their skill.

For the first time in its history the New Brunswick record is held by a sportsman from without the Province. Mr. Russell's head, also, was a very fine one, with four points upon each brow and broad symmetrical blades with twenty-nine points in all. This, too, is a record head in its way, as it is the largest ever taken out of New Brunswick by an English sportsman.

Charles Cremin's territory on Bathurst Lakes and the Upper Nepisiguit certainly furnishes as fine opportunities for moose hunting as are to be found on the continent.

John Green, Guide.

BY E. AND S. W.

Water plashing on the shore : breezes blowing leaf shadows on the rocks : miles and miles of sun-diamonded lake : green hills fading away to gray against a wondrous blue, cloud-flecked sky.

Unspeakable sense of freedom, no care, no thought : only happiness.

This is Temagami.

AS we got off the Grand Trunk train, the year between faded away : last September was as yesterday. In a moment we saw John Green with his slouch hat and his funny creepy-mouse, Indian walk. He grinned, and began just where we left off last year : a clasp of his iron-jointed hand makes one's fingers tingle.

Then to Bear Island on the little steamer to Mrs. Turner's, up the funny, rocky, stubbly path, among the sledge dogs and canoes, into the little black sled, through the kitchen—and there was Mrs. Turner, handsome as ever with her kindly smile and raven glossy hair.

TAKING ADVANTAGE OF A FAVORABLE BREEZE.

Next morning we bought our provisions at the Hudson's Bay Company's store, picked out a sixteen foot Peterboro canoe which carried our outfit easily. At eleven we embarked ; it was good to hear the dip of paddle and the ripple of water at the bow.

With each mile breath came freer ; with each hour we grew delightfully savage. Sometimes a huge mountain of rocks rose precipitously from the shore, bare, save for clumps of sturdy Norway pine and patches of moss, some very green and some a strange orange color. In half an hour we caught our supper, seven big bass.

Then we landed and made camp on a rocky promontory at the north end of Lake Temagami. Such a supper ! The bass hot and toothsome : and flap jacks —without number, the bigger, the better, swimming in unsurpassed Canadian maple-syrup.

The camp-fire ! John made a blazing one on the point of rocks like a beacon-light. Wrapped up in sweaters, we sat between the silver light of the moon and the golden glow of the fire, with everything beyond, black as though there were nothing in the world but our magic circle of warmth and comfort. We listened to John's stories of hunting and adventure until bed-time ; and then restful sleep, upon balsam boughs piled high, soft as down, redolent of the forest.

When the sun was well up we had some porridge, and more porridge. We rigged a sail and went out to try the breeze, incidentally to land a lake trout, but the beautiftl, green wooden minnow so fascinating to us did not prove in the least attractive to the trout. So we pulled in our grand ideas with the minnow and tried for smaller, just as eatable game, with two fine bass and a pickerel as result. As we trolled near the shore we

AT THE END OF THE PORTAGE.

heard a scrambling, and saw a fat, bristly porcupine waddling up the rocks. At last forcing him out of the bush, John made the stupid old chap climb the paddle, and do all sorts of tricks. In the end we let him go, but we had laughed and capered with such glee that the porcupine must have thought it was a war-dance.

Early next morning we crossed Sandy Inlet, through the narrows, in and out among the tall reeds, over sunken trees, past one shadowy little bay carpeted with golden waterlilies, twisting and turning to the portage, which was as rocky and steep as Christian's Hill of Difficulty. Portages exist to make one appreciate canoeing.

Lake Anima-Nipissing, a very changeable little lady, deigned to be charming in one of her pleasant moods, so we travelled leisurely, skirting the shore closely enough to see clumps of white and pink flowers, ferns, now and then a tall blossom of deep magenta. russet leaved vines, and brilliant red berries ; stealing into a little unfrequented bay where there were moose tracks, and a tree lately torn open by a search for ants. It was fascinatingly primeval.

We reached camp at sunset, glad to hear the canoe bump on the rocks. Of course we were ready for supper, — we always were, even ten minutes after dinner. We had Squaw Cake, a kind of glorified raised biscuit. It was of remarkable proportions and most invitingly brown. I thought "We'll be eating this particular and individual Squaw Cake at Christmas" but we drew lots for the only slice left, next morning at breakfast.

Once again for lake trout, with copper line and the hitherto luckless wooden minnow. We had trolled for half a mile when I felt a mighty tug. I reeled in feeling as though I were trying to pull up the lake bottom. Scarcely ten feet of line were in, when it began to whipsaw mightily, dragging the rod's tip into the water. Scrambling to my knees I reeled in furiously more than half the line with rod bent to breaking. "Give him slack," shouted John. He ran twenty yards, and when I had that all back, and more too, "Let him run or he'll smash things," said John. Away went the trout for another wild dash, to bring up this time weakening, but still game. It was his last overpowering rush, but not of the whipsawing which kept on madly to the end. As with doubling rod I brought him into sight, he was turning somer-saults. John reached for him with the gaff, missed, but hooked the line. At the same instant as the trout somersaulted against one of the side-hooks on the

"IN THE JUMPING RAPIDS."

IN A JIFFY SLID THE FREIGHTED CANOE OVER.

minnow, John lifted him like a flash into the canoe. A beauty, with fine, dappled, silver skin, and feathery fins tipped with pink.

Soon John had him on a plank with a Damoclean piece of pork above ; he sizzled for an hour before a hot fire, until the final crackle ; John solemnly sticking a fork in his side pronounced him done. We ate every morsel, even to the crumbs, and reluctantly threw away the bones.

On through Bay Lake, up the Montreal River to Pork Rapids,—so called because there an Indian once stole a hundred pounds of pork from the Hudson's Bay Company's barge. The current of the river, before so calm gradually quickened, the eddies whirled faster and faster, the water grew turbulent, and we were in the rapids.

"Jumping rapids !" leaping flying, whirling, breathless throughout. John behind in the stern with strong paddle to guide and steady. We raced swift as the foaming torrent itself, on a wild, plunging, rock-dodging course. We did it literally in three jumps ; each being a mountainous billow, a precipitous plunge, a shivering canoe, a lap full of water, breath caught seconds after, then another plunge.

At the next portage I rested on a mossy log. We took a copy of Keats with us and I was luxuriously enjoying a poem, when an angry note repeated again and again brought me awake to reality. At the other end of the log was a little chipmunk, all aquiver with fear, soft body trembling, eyes wildly snapping with fright and rage. I did not understand, until I heard three or four tremulous squeaks from the log. Then the poor woe distracted mother rushed at me in momentary bravery. Deciding craft the better part, she cocked her tail in a pitiful attempt to be alluring, skipped upon a distant bough, pirouetted, eying me, Her courage oozed out ; she made a vicious dash. As I quickly moved away, she ran to her nest in the hollow log, and all the little squeakings ceased in a happy silence. It was so much better than the poem, that Keats retired defeated.

We crossed Wakamika Lake to what seemed to be the shore, but really a little marshy outlet of a swift running stream, down which we drifted. The stream just wide enough for the canoe to pass, was overhung with trees like a tropical jungle. We came upon a fallen tree, stretching across the stream, completely barring our path, a huge bulk of red pine. To our city, ignorant eyes it seemed an

WRITING UP THE DIARY.

insurmountable snag, but John, the ever-ready, crawled out with the axe, barked a runway across the tree and in a jiffy slid the freighted canoe over as nice as you please. There were four miles of this delightfully mysterious stream, and then Lake Obabika.

Intent upon moose we wound our way in and out among the Islands little and big, all pine clad, that dot Obabika, to the end of the big lake, which is a series of deep bays, marshy and grassy.

Stealthily we turned the point. John whispered, "Don't stir" and sculled his paddle noiselessly. A moose was eating his five-o'clock lily-pad, up to his chin in water, with the blinding sun full in his eyes. It was exciting, within a hundred feet of his big branching horns ; thrilling when we crept to fifty ; and it set our nerves tingling, at only twenty-five feet away. Then he saw us, gave a mighty snort and plunged ashore with giant strokes. The canoe flew in pursuit, keeping ten feet behind him to land. The moose did not wait to shake himself but crashed off into the forest, his lordly antlered head held high.

We paddled into an almost land-locked cove. John whispered, "Look on the log under the bushes," and there was the roundest little, brown cub walking gingerly along the log. When he heard us he took to the bush ; we sat still and the silence hung heavy, as we waited. In a minute, Teddy Bear clambered out from the bushes and walked on a rock not fifteen feet away. He saw us, stopped, lowered his head, cocked up one ear, assumed the prettiest pose he knew, and lingered to be admired,—then was gone with a bounce, leaving us naught but a bewitching memory.

As we were exploring Round Lake, John, the eagle eyed, pointed down a sand-beached bay. In the water were three red deer, a buck, doe and tiny fawn, their sleek, red-brown coats shining in the sun as they stooped to drink the shallow water. Scenting us they disappeared into the woods, not hurriedly or clumsily as a moose, but with utmost grace and delicacy. We hurried to the beach and vainly tried to find them in the bush. Their heart-shape hoof marks were on the sand.

At the very end of Obabika, we came upon an Indian hunting shack. No one was at home, so with apologies we investigated. It was a real wigwam, conical in shape, built on birch trees meeting in a bundle at the centre, the walls of big strips birch-bark sewn together with strands of spruce tree roots. The exact workmanship was done with infinite patience. Inside, directly in the centre was the fire, the smoke escaping through a hole in the roof. Over the fire were hooks hanging on rods suspended from the poles, where the meat roasted. Many baskets, boxes and rude dishes made of bark were scattered about, some bundles of sewing fibre and a pile of rabbit-skins with which the Indian had been making a blanket. Outside was a deer-hide and moose bones ; also many different shaped boards for stretching skins ; a long thin one for musk-rate, a broader one for mink, a hoop for beaver. Against a log leaned two dog-sleds and a pair of snow-shoes.

We made our camp not far away on a beautiful island, with a graceful oval, rock bound shore, very high in the centre, clad with Norway pine, and just enough poplar to add a feminine touch, carpeted with moss and pine needles. From the summit on all sides stretched a view of the island-gemmed lake into miles of blue distance ; so high that every breeze from the four corners made the little quivery leaves respond, and the big strong winds in the pines were more grand than organ tones. Our only neighbor was a handsome crane who lived on the next island, and flew over one day to say "Welcome." He was a gentleman of grace and refinement, was dignified and exclusive, but charming as a neighbor.

The loon's long wail made the isolation of our island more real, strange birds, whistling, giggling, wailing, screeching in all but human tones. They circled at great height, with their long necks extended, and whirled and moaned in crazy fashion. Maung, the Indians call them, descriptive of their weird note.

In the twilight, as we returned to camp, on an out jutting rock from the mainland, sat the prettiest yellow fox pawing in the water for fish. We glided slowly towards him until but a dozen feet

away. He was a mere baby and was so trustingly ignorant of men, he thought we had come to play. He crouched on his fore-paws like a cunning kitten, then lay down in a soft, fluffy ball, rolled over and rubbed his ears with his paws. His mother barked to him from the deep woods; he answered with baby carelessness in his tone, and trotted along the shore stepping from rock to rock to keep dry his black-mitted feet, and waving his handsome tail in farewell.

The inevitable came; starched civilization,—packed luggage—the little steamer at the wharf.

"QUE-DON-E-MA-CONE" (Good-Bye) said John Green.

I was glad when thoy said unto me,
"This is Temagami."
The lakes, the sky, the trees, the
silver moonlight, the camp fires, the
plashiag paddle, the smell of the pines,
owassa (far away) but here always in our hearts.

The Scarcity of Partridges.

With a Dissertation on Beavers.

BY J. B. TEMPLE.

READING in the January number the article by Mr. Alfred J. Horsey on the Scarcity of Partridges I should like to be allowed to corroborate all he has written on the subject. My own experience is strongly confirmatory of his, and I believe it high time sportsmen should wake up and give their best consideration to the means to be taken to save these gamiest of game birds from the fate that appears to confront them—practical extinction.

Late last summer I spent a month in the woods during which time I travelled over a good part of Muskoka and quite a large piece of the Parry Sound district. Most of the time I was in the company of a "timber estimator" and was thus afforded a grand opportunity of making myself acquainted with the actual condition of things in the woods.

Not only did I find that partridge were ten times more scarce than most sportsmen appear to realize, but hunters and natives alike were unanimous in their agreement that something—and that something a good deal more than the usual explanations put forward—had happened to the partridges this year

All the time I was in Muskoka I only saw one good sized flock and a couple of worn out "strays."

In Parry Sound I covered a lot of ground going up the construction line of the Canadian Northern Railway to the end of steel and making side trips of from five to twelve miles from the railway. As I was much interested in partridges and in the reports concerning their scarcity I kept a bright look-out everywhere. Incredible as it may appear on the whole of this trip I only saw one "stray" and heard another. Several residents whom I questioned assured me that they had never seen a bird all summer. Even though they had gone no further than their own barnyards such a statement would not have been possible until the last two years.

Many of the natives blamed the railroad construction gangs, whom they asserted had killed off the whole. Such a reason, however, if admitted, could only be local and could not in any way account for the scarcity elsewhere. More reasons were given me than would fill a book. Despite all of them however, I think Mr. Horsey hit the real one when

he suggests a plague similar to that which attacks the hares. I might mention that in some districts an outbreak of this plague was noticed among the rabbits during the winter of 1906-7.

Just let sportsmen think what it will mean to them if the partridges disappear. They will then agree that anything and everything must be done to prevent such a catastrophe. The causes of the scarcity should be sought out and remedies applied, even if that remedy is felt to be the closing of the season for several years to nurse the remnants back to their usual numbers, and save the best of our birds for the woods.

Two seasons ago I noticed the growing scarcity of partridges but last season they appeared to be almost annihilated. In any of those places where I looked in vain for the birds last year I would three seasons ago have had no difficulty in getting a full bag in a short afternoon's sport. * * *

While on my rambles I made another interesting discovery concerning a little Canadian animal that came near to extinction and as I am sure it has a place in the affections of every sportsman I will relate the details.

Last fall I found a little lake in Muskoka—an unnamed stretch of marsh and water lost in the tangle of rocks and rough woods. I make no claim to the honor of discovery for I had heard of this lake from my friend who looked over the timber up that way and who assisted in placing a "bark camp" in its vicinity.

This lake, with its stretch of about a mile and a half of swamp, meadow and water is the home of a colony of beavers. Although my friend told me that the beavers were not nearly so numerous as eighteen months previously he had said enough to arouse my curiosity and I decided to visit the colony.

When I arrived at the lake I proceeded to the newly constructed camp and borrowed a home made, treacherous flat bottom canoe and with this I started my explorations. I experienced much trouble in pushing my flimsy craft through the weeds. It appeared to me as though at one time there were two lakes side by side and now connected by swamp and marsh. Near the end of the marsh I found a small stream of open water winding in and out among the weeds. Following this for a short distance I came to a larger pool of water and ran up against an obstruction—it was the dam.

I had never before seen a beaver dam and viewed and examined the clever piece of engineering with great interest. I could not help thinking how such a feat would baffle man had he the task of building such a construction with the same material. The dam was built right across the outlet of the lake and was holding the water up about four feet. On my side the water was open and with the longest paddle I couldn't touch bottom; on the other side the stream had run dry but we could trace its course through the meadow. To the right and left the banks were undermined leaving nothing but the turf floating on top—a danger to anyone attempting to reach the edge of the water from land. To test the strength of the dam I ran my canoe against it, and feeling my way stepped out and walked across it. Clearly I was not the first visitor that day for in the soft mud which covered the sticks I saw fresh deer tracks.

I had a peculiar feeling as I stood there and examined this wonderful dam building. In front of me was the water, while behind was a sloping drop of about five feet with barely enough moisture at the bottom to nourish the few remaining water lillies and swamp shrubs.

The dam was made of short sticks of an average length of two feet. These were closely interwoven and the cracks filled in with grass and mud. With some difficulty I extracted three or four rods and found them cut as if by a skilled woodman. Every particle of bark was peeled off and the marks of sharp teeth were plainly visible.

While I was there none of the beavers showed themselves and I had no time to look for tracks. At the camp I was informed that one or two of the little animals were frequently seen swimming in the lake.

A Wavy Hunt.

BY DR. F. T. CADHAM.

IN this country many influences make one restless for Nature in early May, but for a sportsman it requires only a full drawn breath of a prairie-scented Spring wind, coupled with a longing look high over head at a gabbling flock of sun-kissed, undulating whitewings to make him realize that true nature exists for him in plenty of her wildness close at hand to even such a fast growing and commercial city as Winnipeg.

Such a coincidence of influences suddenly called to my mind on this bright May morning in the Spring of 1907, a chronic patient; an immediate call, a prescription for fresh air, including some shovel exercise, myself to superintend the treatment, and that night saw my tried hunting partner Charlie, and myself started on a sixteen mile drive, seated on a full loaded rig of guns, shells, grub, blankets, not to mention some three hundred wire-flag wavy decoys.

"A HARVEST SHANTY."

The shaded darkness of our Spring night made a slight altercation with a barbed wire fence easily possible, but outside of such a minor mishap, for a sportsman on geese intent, we reached our destination safely—a happily situated harvest shanty on one of the long river lot fields of South Headingly, and a comfortable three miles at least from any prying civilization.

The horse and outfit quickly put shipshape, and down the field we hastened with lanterns, decoys and spade. Exercise—it certainly can be guaranteed to anyone who endeavours to scrape out of the oozy alluvial of our fertile fields, in Spring time, a hole large enough to place one's self uncomfortably out of sight. However, turn and turn about, one with the shovel and one picking and placing stubble to cover the conspicuousness of the newly turned earth, soon completed the pits. Then the decoys were placed in several long, close lines and we were back to the shanty for a hasty snack and a cup of tea, and lo! the sun was already scattering rose petals across the fleecy clouds of the Eastern sky, preparatory to ushering in one of those most glorious May days of Manitoba.

Being so fine and clear, and as it was ten miles to the swamp where we hoped the wavys were resting in thousands, it gave us ample time to return to the hides, as these birds seldom leave the marsh on such a morning till the sun just shows its crimson rim over the horizon. I had dozed off on the pit edge and was dreaming of a tumbling big one which landed on my head, bringing me back to my senses and a quick grip of the trusty twelve, to find it was but a clump of earth, a suitable and urgent warning from Charlie that something was coming. A deep-chested "honk" told all too plainly

"A SPLENDID SPECIMEN."

the nature, and peering through the stubble edge of the pit I saw them, four stragglers of the late army gone north. They passed honking up the field, paying little attention, as is the gray goose habit, to the wavy decoys, but nevertheless coming close enough to give Charlie a long raking side shot with his cannon (it is an ancient ten bore) and one came slowly to stubble with set wings. He afterwards proved to be a splendid large specimen, but being that, and a straggler, I was suspicious of his antique age, which Charles afterwards amply justified.

Our attention was soon attracted now by the clear, barking "honk" of the wavy. We crouched low and still, our white hats barely showing above the stubble, and soon there came from straight and high above us the confused gabbling of a thousand throats, as the birds came up army strong. They played safe against the clouds and slowly swung twice to the decoys, of a sudden thrill through even that din, the alarm cry of an old and decoy-wise bird, and away they all went far and high across the Oak Bluff Elevator. Hovering again where no doubt other hunters vainly flattened themselves against the bottom of their pits.

"Too still, said I.

Charles only said one word. He never was a very communicative fellow anyway, was Charlie.

For two hours they came that morning in such numbers as only those who have watched a flight of these snowy birds can realize. Attracted by our broad display of decoys, they swung up from far off, but always safely keeping a good one hundred yards of clear air between us. Then away off South East they went, settling in a grassy meadow by the LaSalle River, there to pick the fresh young green shoots and wade about in sun-warmed puddles till the time for the evening flight to the fields had returned.

That noon we headed West in the direction the birds came from and we trusted that a wind would spring up to enable us to intercept the birds in their flight from the marsh. We were certainly lucky in finding a good stopping place in a harvest shanty, a couple of hospitable farmers made us heartily welcome, and gave us the usual vague news about "lots of geese"—that's a farmer's idea of the essential information needed by a hunter. Close questioning on those "lots of geese"

"A SNAP OF THE BAG."

"INGENUITY TO PACK"

elicited the facts that they were mostly seen in the air going or coming from some indefinite place in indefinite directions. One definite bit of information, however, was a fine dry barley field close at hand, into which, we were told, an occasional flock had stayed to feed. In this field we located for the evening flight.

Now while the grey, the laughing, and even the Hutchins goose will leave the swamps to feed in the same field with splendid regularity, the wavy is a most erratic bird and changes his feeding ground to the most unexpected of places, but for all, where one flock goes the others seem to know by some process of telepathy to follow, even if coming from far separated swamps and different quarters of the compass, and lucky is the sportsman who happens to find the right field at the crucial time.

Such, however, was not our luck that evening, but we were fortunate in having a chance at three small stray flocks, which decoyed in slowly and beautifully, giving us easy shots from good hides. At that, the best we could do was six birds, for a wavy, like the gray goose, will take a lot of killing, and it will often take two barrels of good No. 4 chilled to fetch one surely to the ground. Later on one blue wavy came in and swept back and forth close down over the decoys which, on account of the very slight wind, were only some eighty yards away; I thought to stretch my Parker and let drive the both barrels which staggered and started him towards us at a whirlwind gait, and as he drove past, my partner spun him to the ground with his lusty cannon, afterwards pulling out a large red bandana handkerchief. He keeps that for these, as I hope, rare occasions, for between ourselves there is considerable and lengthy argument on the merits of that cannon.

After filling in the hides we were back to camp in time to take a snap of the bag, and again pack up and move for the morning flight. This time we struck right out on the prairie towards the swamp, and coming to a small strip of fall breaking, decided to locate there for the morning. According to goose logic it was not a good place, no feeding ground being handy, but we had lined the flight in that direction and so put our hides close down to the swampy ground on the edge of the breaking, leaving the setting up of our decoys until the morning so as to better gauge the wind. It was seven miles to any

"A FULLY LOADED RIG."

habitation, so after supper of broiled wavy steaks over a willow fire we turned in under the rig to suffer the keen cold of a Spring night, but were comforted by hearing, now and again, in lulls of the wind which had sprung up, the indescribable clamour of the countless thousand wavys, as they held a social evening far out in the marsh together.

By morning it was blowing a small gale and was considerably colder. An indefinite haze covered the eastern sky, while to the west all was still gloom. It seemed more a duty to be in the pits at four a. m., than from any expectation of sport. So confident were we of this as to leave on our overcoats, lying close to the hide to avoid the keen wind, but such is the way of the wavy that before we had realized it a tremendous flock had beaten up towards the decoys which we had set out in several close lines, three hundred strong across the breaking, a good one hundred and fifty yards up wind. The strong wind held the birds close down, while they tacked with determination against it. Not fifteen yards in front of us the leaders bunched in a white mass, calling to the decoys, as is their wont, while the great, long rear guard swung directly over us. We both rose quickly, forgetting overcoats and everything in the excitement of that awful clamour. Four barrels into the white mass out in front, then I stepped clear of the hide to count all the dead ones, and incidentally pick up any wounded. Only the bare, black ground stared back at me, not one white mark on that breaking between us and our decoys. Turning to my friend, I saw him standing on his overcoat, all thoughts of cold gone in the heated soliloquy he was holding.

"The same old mistake, five feet under them," said I.

"Fifteen," said Charlie.

However, we soon had a chance to take advantage of our experience for another large flock swung up in the same manner, and this time on rising we held with the first barrel well above and behind a picked bird, and generally taking with the other a bird that had crowded too much up into the wind, giving a nice overhead shot; even at that, it is surprising how much open exists about and through an enormous flock of wavys. That was the start of an apparently endless army. They came up in companies and battalions, at first sight appearing as only a dull, waving line from out the glooming in the west, soon resolving into individual and enormous looking birds for they came close in head on.

We shot till we thought we had so many down as we could conveniently use, Charlie certainly demonstrating that his old cannon had some cause to be named a gun.

Then we set to retrieving, which was not difficult, for the wavy is the easiest of all game birds to retrieve on all dry land on account of its odd color. By half past seven we were having breakfast and we still watched the now diminishing flocks passing by. That day they all went north. It took some ingenuity to pack the rig for we had some thirty, but as one or two birds (fully appreciated) were left to many of the farmers on the road in the load was considerably lightened by the time we reached the asphalt pavement of home.

Many times have I hunted the elusive wavy, and only twice has it been my good fortune to thus intercept the strange air path of their countless armies, and as the whirr of the cars and the din of our city streets brings back strangely to the ears now their chatter and clang, I hope with good company to enjoy that rare experience once again.

Mr. John M. Swiggart, of the firm of Swiggart & Folk, Joliet, Ill., well known fur traders, was recently in Edmonton after a prolonged visit to the northern country around Great Slave Lake. Mr. Swiggart has established three posts in those far northern regions and is a strong believer in the future of that part of Canada, and is particularly enthusiastic over its mineral prospects. Lead and copper are abundant and all the country needs is better transportation facilities.

An Unrehearsed Bear Hunt.

BY TRAVIS BAGLEY.

RANCHING in the foothills of the Rockies is not as tame and devoid of variety as most people would imagine. Game is fairly abundant, that is deer, prairie chickens, grouse, partridge and all kinds of water fowl. Bear are seen occasionally as the following will show.

One day in June, 1907, we were preparing to brand the calves. The cowboys and I rounded up the cattle and cut out the cows and calves which were driven in the corral ready for operations after lunch. We had all gone to the shack and having finished lunch or rather dinner as it is termed in this country, were indulging in the usual cigarettes. Bob, one of the cowboys had gone up to the barn to feed the horses, when to our surprise he suddenly rushed into the shack with the intelligence that there was a bear in the vicinity. Naturally branding was quite forgotten for the time being. We all made a bolt for the door, thinking that there might be something stronger than creek water which Bob had probably got hold of, but sure enough there was the bear about two hundred yards away. Bob had the advantage of us, having seen the bear first and having his cow pony "Grey Eagle" ready saddled was off at full speed after that bear. Bob's horse and rider were very soon within shooting distance but either "Grey Eagle" or Bob was far from steady. The 38 Colt shot all round Mr. Bear. With the last cartridge Bob did graze his hind leg. With all the cartridges gone the cowboy instinct showed up. Putting spurs to his horse and untastening his lariat, the race commenced in real earnest. Horse and bear got alongside each other. Bob swung the rope and got the gentleman by the off hind foot. Then the fun commenced. "Grey Eagle" suddenly realized the difference between a bear and a calf. The bear growled and sticking his claws into the ground tried to anchor himself to the earth. It was a case of pull horse, pull bear with forty feet of Black Jack intervening. Ultimately Bob got the bear down to the shack, where with the aid of a kodak we intended to get a snap-shot. The question was how to pose the bear. Tom suggested taking his photo sitting up, so he got a corral rail and commenced prodding the unwilling animal who by this time was getting anything but pleasant. It was suggested by the photographer that we should be taken in a group, but his proposition was not carried. We decided that a well directed shot from a 45 Colt was the best way of dealing with our friend and the photographer could then go ahead with his business. I trust my readers will be satisfied with the result.

"A WELL DIRECTED SHOT FROM A 45 COLT WAS THE BEST WAY OF DEALING WITH OUR FRIEND."

The curious part of the business was that for some weeks after everybody was seeing bears ; one cowboy coming from town swore he saw four, but they had business elsewhere.

The Wayside Tavern and the Shooting Match.

BY E. B. FRALECK.

RAILROADS and other facilities for travel have done away with the necessity for most of our Wayside Inns, and destroyed the importance of those that remain. On all main roads leading from the county towns towards the outlying villages, the wayside tavern was a kind of mile post on the journey.

The typical old fashioned tavern usually stood upon a gentle rise of ground just off the main road to allow driving room, or a kind of plaza fronting wherever practicable, in a southerly direction so as to catch the genial sun, that the lounger might bask in its warmth and comfort, or perhaps on a hot day enjoy the shade of the spacious verandah with its great posts running along the whole front. Out in the front thereof, in the vacant space stood a high post with a sign-board swinging in the breeze and extending an invitation to the wayfarer to enter within. The centre of the sign-board disclosed the name of the proprietor, or that given to the hostlerie, sometimes in gilt letters, along with the representation of a horse, deer, or other animal indicating the sporting proclivities of the landlord, or some other device, according to the conceit of the painter in keeping with the name or locality. At the bottom however was the never failing "Accomodation for Man and Beast."

Within the spacious, though cozy, bar-room there was the large fireplace filled in winter with crackling logs, and the high mantle piece, and the old fashioned high backed chairs, and the large settee.

The bar, though modest in its pretensions, afforded the best of good cheer, and disclosed a sufficient display to betoken a plenty of everything good and suggesting a larger store at hand. The walls, beside some trophies of the chase, were furnished with scenes from the "Old Land," or of some gallant ship battling with the waves, and of some battlefield where the British Ensign is bravely borne against the foe, and perhaps some character sketches ; not those questionable works of art, the showy mirror, the chandelier with its glass pendants, and all that glare which now make the modern bar-room a depository of "gilded baits of vice and sin," to lure the neophite on his downward course.

The landlord, portly and rubicund, the exemplification of good living, courteous, attentive, and solicitous for the welfare of his guests, even to the extent of intuitively anticipating their very wants, and above all, his countenance displaying hilarity which at a glance soothed the ruffels of the most grouty sojourner. The pleasing, motherly landlady formed not a small supplement to the success of the establishment.

On a winter's night with the cold away below zero, and the fierce February blasts hurtling the blinding snow and piling it into exasperating heaps, as it were, on purpose to delay the weary traveller on his journey, a look into a wayside bar-room would disclose an air of comfort now, alas, nowhere to be seen. There were the crackling logs whose glowing warmth radiated through the room ; the singing kettle suggesting bowls of punch and brimming bumpers, inviting to convivial intercourse. The circle of contented guests whose ruddy and vigorous manhood stood out in bold relief, for they were the pioneers and founders of this our splendid country.

But it was especially along the main passenger and mail routes through the frontier where the roadside tavern flourished in all its glory. Before the advent of railroads the stage coach afforded the chief means of travel. Pannelled and painted in gaudy colors, stamped with the Imperial coat of arms, suspended upon huge leather springs, with cushioned seats and strap supports, and, with "Royal Mail" in conspicuous letters proclaimed its right of way over all comers. The sapient driver in top boots, broad sombrero, with long hair dangling upon his shoulders and, "bearded like a pard" and ruddy nose betokening road side cheer, with winding horn as he comes thundering over the bridge. He

draws up at the main entrance, tosses the reins to the humble hostler, descends from his seat of dignity and swaggers into the bar-room where he knows the welcome glass awaits him. Whilst, perhaps, taking another glass or so, he cracks a joke with the landlord, or it may be, with the landlady in attendance, for he was usually a gallant knight of the whip, then passing the time of day with a stranger, and in a few words dispenses the news in an oracular manner. Meantime his four horses have been changed, he again takes his seat, gathers up and shakes out his reins, cracks his whip and disappears amidst a cloud of dust to the admiring gaze of the small boy and the tavern idler. Many now living can call to mind the old stage-coach days and the names of Abe Stimers, Hank Covert, Hiriam Mink, and other knights of the whip rise up to the memory, all soon to be forgotten as well as the times in which they lived and flourished.

The first regular daily mail stage between Toronto and Montreal was instituted by the Mink brothers, George who kept a hotel in Kingston, and Jim who looked after the Toronto end of the business. These Minks were two of seven brothers. Their parents had been slaves, black as the ace of spades, boasted of their pure negro blood. By industry, frugality and honourable dealing these two boys rose to become men of wealth and importance. From first, stable boys, then hackmen, and, finally owners of a line of stages with its hundreds of horses and numerous coaches, whose line extended over three hundred miles of road along the frontier of the province.

A vicious custom, borrowed from the neighbouring State, or of native invention, was instituted throughout the early settlements called "shooting matches." Old men may, perhaps, recall these associations of their boyhood's days when they were allowed to accompany a hunter and proudly carry the game bag. These shooting matches were fostered by the landlords of country taverns. The plan was in the early fall of each year, to call a meeting of all parties interested, convened at some tavern. Two of the best shots in the neighborhood were generally selected as captains of the hunt, and these captains "choosed sides". No fee was required for membership, but every man and boy throughout the locality, who could muster a gun were chosen or allied himself with one side or the other, no matter how numerous, so that the two sides were fairly and evenly divided. Rules were laid down to govern the match. A certain value in numbers was given to the head of each living thing to be slaughtered. Upon a day appointed about every man and boy in the neighbourhood proceeded forth to scour the woods and fields, and the indiscriminate slaughter continued from daylight until dark. Upon that evening, or the next following, all repaired to the tavern, heads were counted, and the side producing the smaller number had to put up for the supper.

Of course, the landlord alone benefitted. The game destroyed was too weighty to be carried by the hunters, only the head found its way into the game bag, the body was usually thrown away, thus affording a banquet for the foxes, the owls, and other predatory denizens of the forests. Black and gray squirrels with their plumy tails, then numerous, now about extinct; partridge, then a covey in every dell and on every hillside, now almost exterminated, the woodpecker, the robin, and the song bird, all ruthlessly destroyed in order that each man might gratify his lust for slaughter, and possibly obtain a tavern supper at another's expense.

The pernicious practise was continued from year to year until there was left scarcely anything worth while to shoot, and only died out for lack of game.

It must be remembered however, that the pioneer and those who came after him looked upon every wild thing as an enemy to be exterminated. Even boys were encouraged to destroy every squirrel and every bird as pests to the grain and fruit. Little did those men dream that in destroying the bird kind they were opening the door for numerous species of insects far more destructive and ten times more difficult to exterminate. The codling moth and the curculio alone take the "first fruits" of the land, and now fruitgrowers of this province annually lose more from these pests than the profits

received from their crops. Yet, with the experience of the past, when every observant or reading man knows the value of the song bird and others of the feathered tribe, still the destruction goes on. Italians and other foreigners go out from our towns and make Sunday a day of sport. Dozens of our birds are thus taken to furnish these people with a bird pie. The small boy with his Flobert and air-gun kills unmolested. Not only from business centres do the destroyers go forth, but as every railway construction camp is moved along, scarcely a bird or wild animal is left behind. In the meantime the pot-hunter plies his trade unmolested, because no fine or costs can be collected upon conviction, or, if convicted the politician gets busy and if arrested, the culprit is released. Every sportsman who goes to the woods well knows the names of several pothunters who kill deer, beaver, otter and other game in defiance of the law.

How many deer and moose are slaughtered during each year in the lumber camps it is difficult to estimate. Yet, it would be safe to compute to some of the camps as many as falls to the lot of two or three gangs of hunters during the open season. Lumbermen may deny that deer and moose are killed in their camps, but those whoever may visit a lumber camp for a week or so during the months of December and January will know better.

The government wardens and employees in Algonquin Park and other localities are not above suspicion In the fall of 1906 the writer was hunting with a trapper who told him in the presence of others, that some few years ago he was employed as a sub-warden in Algonquin Park and during one winter trapped four hundred dollars worth of beaver.

The game and fur bearing animals of our Province are fast disappearing and will soon go the way of the buffalo. There is a perennial source of wealth in our forest and inland waters greater than in the silver of Cobalt. Why is it that the destruction is allowed to go on and this wealth permitted to be frittered away? Reader, it is because of the connivance of you and me, and of the people of this great Province, and because a score or two (a mere handful of votes) of the fishermen, of poachers, and of pothunters in each constituency are allowed to "bulldoze" and coerce into subserviency the respective members of our Provincial Legislature and through them the action of our Government.

Live Bait : How to Procure and Preserve the Same.

BY A. T. MIDDLETON.

HOW exasperating it is to find just as you are about to embark that the bait has been forgotten. What dismay? If there is no one near from whom it may be procured and you have to hunt for same what time is lost! It is something that you cannot do without, so as it is a most important and invaluable article for all fishermen, I will endeavour to describe the various kinds of live bait in use on our inland lakes for such fish as Bass, Lunge, Trout, Pickerel, Pike, etc. and also add a few words as to the preservation of same.

Worms are I believe one of the first bait used but as to who discovered their value in that line I am unable to state. Suffice it to say that they are good for nearly all kinds of fish, the only trouble being an annoyance from the smaller species but Bass, Trout, Pickerel, Pike and at times Lunge become victims. They can be purchased, packed in moss from some reliable dealer but if you are inclined to procure them yourself it is quite simple. I refer to those known as dew worms for the smaller kinds are of little value except for minnows etc. Water the lawn or garden plentifully in the afternoon then when it is dark procure a lantern and steeping lightly holding it so as to throw the light ahead they can easily be discerned lying on top of the grass or earth. You will not be long at the business before you will learn that it is necessary to be quick for it is won-

derful how fast they will disappear. To keep worms procure a good sized box, bore a few holes in the bottom covering the same with pieces of fine wire netting sink the box in the ground nearly to the top, put in the worms with some moss or sods, keeping same moist when they will live for a couple of weeks, particularly if moss or sods are changed once or twice.

The next good bait is minnows which I consider one of the best baits in use and excellent for all kinds of fish. There are several methods of catching the same —first with small hook and line ; second with a dip net. Hold the net well under water and throw wet bread crumbs which will sink quickly over same ; if in a current bread will have to be thrown so as to drift over the net well down. When this has about reached the net raise it as fast as possible and if minnows are around you will soon have plenty. Third take a drag net going out from shore in about three feet of water or more. Drag in holding the bottom of the net well down and forward. This requires two and if minnows are to be found near shore is pretty successful.

Now as to hooking them a few words might be added. Some hook a minnow through the back which very soon kills them, some impale them on a long piece of wire like a needle which is equally fatal, whilst others hook through the lips and then near the tail. The best way in my opinion is through the lips only and by so doing they can be kept alive for a long time which is a great advantage, for a live minnow is generally more quickly taken. Please do not use gang hooks, they may perhaps be a little more sure though I have myself caught as many with the single hook as others present did with the gang, but although you may lose a fish occasionally with the single hook it is in every case more sportsmanlike. Care must be taken to wash the slime off minnows carefully which is done by frequent changes of water and after it becomes pretty clear you need only renew it about every half hour. To keep over night place in a large box, two sides of which at least are covered by fine wire netting through which change of water is obtained and when sunk where there is a current they will live for days and can easily be dipped out with a landing net when required.

Now for frogs. They can easily be obtained from the ubiquitous small boy or failing that catch them yourself. It is all in the game. Frogs are a good reliable bait and are usually hooked through the lips or just at the junction of legs and body, the first mentioned being preferable, as you are in that case always ready for trolling or still fishing. To keep them place in a vessel par,ly filled with water putting in some pieces of wood on which the frogs may climb when so inclined, a change of water occasionally being required.

Crawfish, another, first class bait are found under flat stones in shallow water and can be caught by a quick movement of the hand after carefully lifting the stone under which they are hidden and can also be procured by using a drag net near to the weeds to which they cling. Use the net as a saw holdidg it well down and drawing from side to side when they will be brushed off the weeds and fall into the net. Place in damp grass or weeds in a vessel or box where they can get air. Hook through the tail.

Grasshoppers are also at times an excellent bait and there is also a bait which is called by various names such as Helgramite, Dobson, Golliniper etc. which is valuable. It is also found near shore under flat stones and resembles a caterpillar cut in two with a number of legs on the flat side or bottom.

The above named baits are all good and by having two or three kinds with you when one fails, try another and it may be quickly taken.

There are any number of artificial baits in use, the spoon and fly being the most reliable.

The fly however is not much in use except in the early parts of the eeason when it affords excellent sport.

To be a successful fisherman requires patience for frequently you get but little other than exercise and plenty of fresh air for a hard day's work. Still what is failure but an incention to try again and by going forth with renewed vigor you meet with success.

Let us be content with what we have,
But not with what we have done.

When the Herring Runs in the Rideau.

BY J. A. MORIARTY.

After a day of cloud and wind and rain,
Sometimes the setting sun breaks out again,
And touching all the darksome woods with light;
Smiles on the fields until they laugh and sing,
Then like a ruby from the horizon's ring
Drops down into the night.

Longfellow.

"ALL aboard for Alford's fish camp." Lines are thrown off and our "punt" slowly draws away from the dock. Then with a few turns of the crank our engines commenced their melodious hum, and we were swiftly gliding between the high banks of the Rideau Canal en route for the far famed, world renowned, fresh water herring grounds of the Rideau. Here we intended to enjoy a day's sport for which we had been preparing for months.

It was one of those days in the Indian summer when Nature seems to do her best for a few days to give us a pleasant reminder of summer, before winter ushers in his reign with cold and stormy weather. As we now rush through the sparkling waters of the Rideau we gaze in rapture at the beautiful scenery which surrounds us on all sides.

To the northward and forming a beautiful background for our picture looms the dark shore of the mountain, dark still with its acres of virgin pine which the sinking autumn sun colors with a pleasing bluish green. On the left lies a fertile farming country, with the dark fences and hedges of beautiful autumnal leaves, marking off the fields from which the bountiful harvests have been collected. On our right an almost endless forest forms an ideal hunting ground. Squirrels skidded across their leafy carpet, or loudly scolded from the security of their homes. The rabbits watched us in idle curiosity as we hurried past while a fine buck, which had come to the shore to take his evening draught in peace, raised his antlers and stared at us for a minute; then with a few leaps disappeared into the forest, leaving a few moving branches as a pleasing reminder of his presence.

Our arrival at the camp was heralded by the barking of a mongrel collie which the "General" pronounced the "best bird dog in the country," and soon the "General" himself appeared and gave us Royal welcome to his present domicile and guided us by many winding turns up the woodland path to the shanty.

The shanty was a weather beaten, log affair typical of the seventeenth century with a roof thatched with straw and bushes. The walls had been but recently chinked with moss and mud while an old coat which did duty as a pane in the window gave the building a comfortable homelike appearance.

A massive door, hung on hinges of leather, creaked out its welcome as we entered. Inside a lantern hanging from the wall furnished a dim light for the apartment aided by a cheerful fire which blazed in a rather rusty old stove supported on legs of brick. A huge drum on which was depicted a standing locomotive with gaping smoke stack with the words "North-Western" printed underneath did duty as an oven and furnished the only artistic decoration for the building.

A table piled with a heterogenious collection of dishes of doubtful color, pans and kettles occupied one corner, while in the remaining corners stood the bunks in which the occupants slept. These with a few benches of primitive workmanship composed the furniture of the shanty. Since there were sufficient what need of superabundance?

The cook, the only human occupant of the room, was engaged picking potatoes with their jackets on, from a large iron

kettle with his bare hands. On the front of the stove simmered a pan of fresh herring. These with bread and tea, made up the evening meal which we devoured with a keen appetite sharpened by the oxygenized air of the Rideau.

After supper we sat around the fire and relieved the tedious hours by sucking contentment from our favorite cobs and telling fishing and hunting stories and wondrous tales of "truth severe, with fairy fiction dressed."

"Early to bed and early to rise," is the favorite motto of herring fishermen. The "General" and cook bunked by the stove and agreed to keep on fires, while the "Slasher" and I spread our bed in a farther corner and soon all slept the sleep of the innocent.

"All hands up!" was the cry next morning long before daylight and the "General" soon had his lantern brightly burning and all was in readiness to visit the nets. The cook remained to get breakfast, while the rest went forth to face the elements

Outside, the north wind was howling around the camp and we soon discovered that the weather had taken a turn for the worse during the night, and all the pleasant features of the preceding day were lacking. A light rain was falling and the fierce wind made it anything but agreeable.

The waves of the Rideau dashed fiercely against the shore and the sight of the white caps and lashing waves was a sight well calculated to "make a brave man quail." However we had not come to camp to enjoy ourselves indoors and we were soon on the lake with the "Slasher" at the oars and the "General" directing operations.

Running from the corner of the Island and slightly sheltered from the wind we came to the first net and the "General" loosened the lead line, passed it back to me and soon we had fish and net smoothly running into the boat.

What a night of tragedy a herring net tells! In places the shining herring are thick. Scarcely a mesh but contains a shining beauty. Here we find a huge tear in the net which tells a plain story—a hungry pike in the pursuit of a meal had become fastened and had torn the net in his endeavor to free himself.

The first net having been safely raised we now proceeded up the lake to the second net which had been set on a shoal near the mainland. Down from the westport shore rolled the mountain like waves white with foam, and the united efforts of the "Slasher" and myself were necessary to make noticeable headway against the sea.

After about a half hour's hard work the "General" managed to catch the line and pull it into the boat. Then it was found that the net had been tampered with in the night by "human sharks" and the fish had been stolen. Large rents had been made in the net in taking the fish out and sinkers and floats were tangled together in hopeless confusion. Nothing was left for us to do but to raise the net in the face of the biting gale and take it back to camp.

When we came to the next net, or rather to the place where the net had been set on the preceding evening, we were unable to find it and after circling around two or three times in the seething caldron of waters, and narrowly escaping being swamped, we came to the conclusion that net and all had been stolen and the rather spicy phrases muttered in stage whispers by the General would be sufficientiy convincing to any on-lookers that certain persons were not very highly respected citizens of this particular vicinity.

The remaining nets were raised without any particular incident worth chronicling and with a well loaded boat, a benumbed, half-famished trio returned to camp well satisfied with the morning's operations.

On our return we found that the cook had prepared an excellent breakfast of rolled oats and cream biscuits, yellow with age or over colored with soda, pancakes with some of the ingredients noticeably lacking which the cook afterwards discovered was eggs, and some fresh herrings fried deliciously. After this meal had been done ample justice to and the inner man was satisfied, the remainder of the day was spent in taking the fish from the net, cleaning them and packing them in barrels. All tears made in the net were mended and they were

hung in the shanty to dry in order that they might be ready to re-set in the evening.

Shortly after dark we placed the nets in the boat and proceeded to the herring shoals to re-set. This took considerable time and we then returned to camp.

As the quietness of night fell the whole party showed visible signs of suppressed excitement. The stories lost much of their hilarity and for some time all smoked in silence. The time for retiring came and went but no one made any signs of going to bed. At last about twelve o'clock all donned outer garments, the light was extinguished and four dark figures glided out of the camp and down to the boat landing without any word being spoken. With scarcely a sound the boat was launched and sped down the lake with two of us at the oars, the Slasher in the bow gazing intently into the dark waters while the General directed operations from the stern.

After about forty minutes of rowing the Slasher lifted his hand and the boat was brought to a standstill. There was a motion of the dark waters, a sharp sound of cutting rope and quicker than it can be told a net was running into the boat. It needed not the skillful eye of a connoiseur to tell that it was not our net but this made little difference.

The custom on the lake at that time was a net for a net and many an exchange of nets took place in the quietness of the night and but few fishermen returned home after the season's run with any net that he started with. I am told that this custom of pilfering nets has entirely disappeared and the herring men of Newboro are to be congratulated on their moral improvement.

Scarcely was this new net landed in the boat when a sharp command rang out from the shore. Our oars struck the waters and with all speed we pulled for camp. The sharp report of a rifle next broke the stillness and a ball cut the waters at our bow. No attention was paid to this but urged on by paddle and oar we sought the friendly darkness of the gloom and eluded our pursuers who had launched a boat and were in pursuit. Ned Hanlan in his best days never rowed with half the energy that we did that night, and after devious windings and turnings through the intricacies of the islands, we escaped.

We considered that Herring Fishing was too strenuous work for us and next day we packed up and returned to town, thus ending our First Herring Fishing on the Rideau.

"Dat Beeg Cariboo."

BY PAUL E. FINDLAY.

The fire burns bright
And clear shines the light,
From our lonely trapper's shack.
The "bouillon" so hot,
And the "spuds" in the pot,
Is our meal—with a little hard tack.
We await the return
Of our "shot"—gone since morn;
By his gun we've had many a stew.
He surely can't fail
To hit the right trail
On the track of "dat beeg Cariboo."
Not a sound but an owl.
Or the coyote's howl.
And the canyon, the stream roaring through
But soon sad our lot
When our trusty "crack shot"
Hove in sight—but with no cariboo!

Babbling of Bass.

A Hundred Mile Search for the Gamey Beauties.

BY C. H. HOOPER.

THE Boy had christened a hill, "Calvary," and the "village" had given a "garden party." The significance of these isolated facts, and their inter-relation is not perhaps at once apparent. Now it has always been a cherished belief of mine that places should name themselves—that they should derive names from suggestive incidents which have happened about them. In such spontaneous names lies some significance. The Indians used this method, and in our infancy so did we. Thus, in the very recent "long-cloth e s" period of this country, su c h s u g gestive, if not elegant, ap-p e l lations as "K i c k i n g Horse," "Crip-p l e C r e ek," "Rat Portage," were given, and each is interesting because each m e a n s s o m e th ing. Now, that our "Three-p i e c e suit" period has b e g u n, w e shrink from such homely designations, and substitute the musical "Kenora," by which we lose the tradition of the place and bewilder a great many harmless people who are not quite so sensitlve to these niceties of taste as we.

Conversely—it may be reasoned that if names do not suggest themselves, the locality lacks interest, and, as in the case of "Calvary," only stirs our reminiscent imaginations by suggesting some fancied resemblance to a place which we have never seen—a resemblance not likely to occur to anyone else.

CAMP PERFECTION.

In the "village garden party"—held in a rocky pasture lot adjacent to the church, and betraying those uncouth features inevitable under the circumstances—we may now see another sign of the unfolding crysalis of civilization, or, to return to our clothes figure—ruralizing it to gain appropriateness—a change from cow-hided hobble-de-hoyhood to collared youth.

Undoubtedly, the immediate vicinity of our headquarters was becoming too familiar. Having paid my first visit to the lake some twelve ye a r s ago, and seen it pretty regularly every year since, it had occurred to me t h a t sooner or later the long arm of civili z a t i o n would reach us and we should be obliged to move on. Already the fishing was on the wane, more visitors "disc o v-ered" us each succeeding year; we had at last been mentioned in the C. P. R. Guide to fishing spots, and now the Boy was racking his brains for names for uninteresting spots, and the village folk emancipated to the extent of "garden parties!" To accept the signs was our wisest course.

Even in June I had planned a trip into the hinterland; now that trip had to be put to a practical use, in short we were off on a hunt for a new island in a new lake where modern nomenclature was unknown, and garden parties as yet were not.

A day was spent in packing the traps. A light pine box fitting neatly into the sixteen foot Taounyawatha held the grub, and a sack the tinware. In front of me lay the roll of blankets, and behind the Boy—in the bow—the ten pound travelling tent. One six-foot steel rod, a trusty artificial minnow, a few snelled hooks, spoons etc., and a landing net and gaff completed our outfit.

After breakfast on July 25th we slid round the old point, below the flagstaff and with a yell to those left in the shanty glided out into the lake for the first six mile stage of our trip. After covering the first mile and a half to the connection with the lower lake, we passed under the railway bridge and settled fairly into our swing. But a loaded canoe is a sluggish animal at best, though it does carry way better than a light one. Again, in a wind, it presents less surface for the squalls to take hold of, but on the other hand, carries far less free board with which to face the sea.

The next five miles took us through a fleet of islands, with here and there a summer cottage—seven in all, I think—but too many, far too many, for earnest seekers after peace—and bass. It being perfectly calm, we crossed the largest open stretch in comfort, for we boasted, only three inches freeboard amidships, and landed at a log cabin where, by prearrangement a team and driver awaited us.

With plenty of straw, and the use of all the available blankets, etc., a canoe can be carried securely in a spring wagon over any road where such a wagon can go. Such a careful packing and roping was soon found necessary on this occasion, over the "trail" which for the next three miles we followed. Through the second growth, up at some impossible angle, down at a worse, heaving and bumping over the rounded, igneous backs of the native rock, branches occasionally caught in and torn off by the horses' harness—thus we proceeded at the slowest of walks. That even our few spare moments might be profitably employed, a swarm of mosquitos disturbed by our passage settled upon us with unwearying persistence.

This "road"—as our Jehu called it in enthusiastic moments—is the one used in winter by the weekly mail, so as to get the advantage of the six miles over the ice on the lake. In what seemed a very long time to us, we reached the end of this via dolorosa. A broad sandy beach spread in front of us, beyond—the middle distance broken by a couple of small islands. Over to the left, high cliffs rose sheer from the water's edge, and the distance was bounded by rolling hills—where, we suspected, lay the outlet. Behind us lay the second growth and on the edge of this a couple of log cabins—one bearing the title "Post Office:"

We soon launched the canoe, walking out in the gradually shoaling water to load her. Then, with a shake of each foot and a hop we were off for the next stage of the day's journey. By this time however both the Boy and I began to feel certain serious symptoms which attack a healthy person at least three times daily. We stopped at the first island and after a short dip—for the heat was excessive—had the sardines and coffee of the noontide snack soon ready.

The first meal on a trip! How different to the last. The one taken with all the enjoyment in prospect, imagination crowding the coming days with possible adventures—furnishes oppportunity for endless speculation. The other—always lingered over regretfully, with everything in the glowing past, is largely reminiscent.

On this occasion we discussed the lake as a possible place to stay in. From a fishing point of view—the first question of course—it lacked nothing. I had seen splendid bags made here by the few who had taken the trouble to get to it. Black bass, of the small-mouthed variety and of an average weight which would satisfy the most ambitious, flourished here in large numbers. With them were a few so-called "pickerel"—really "doree," and, in the depths of the lake—as in most northern waters—lurked the salmon trout. No, certainly the fishing was not our objection. It was the openness of the water, the lack of islands—five in all—the regularity of the shores, and the want of feature or character which dissatisfied us. It is hard to get all that one wants in this world. At the old

place, we had two lovely lakes, a hundred islands, points, bays and channels; but the fishing was going off and the visitors coming on.

We gazed at the five miles of open lake: that stretch meant high seas in anything like a wind—all right for sailing, the reverse for fishing. Then the islands were not at all pretty, and none of the five took our fancy. From a bare conical sugar loaf at the outlet I determined to secure a better view of the lake as a whole—meanwhile, I appealed to the Boy. "Pass," said he, laconically. For the next two hours we poked about the northern shore, paddling up to within touching distance of huge overhanging rocks, with profound depths of inky water beneath. Presently, in a bay, we found a beach of fine quartz sand. Off came our "duds," and we again sought relief from the blistering heat. Then, feeling more energetic, we struck out for the outlet to find a camping place before sunset. We paused at a lumber camp en route, but it being deserted, we soon moved on. An hour before sunset we reached the conical hill at the outlet. Here we landed to look back at the lake through which we had passed, and forward to that which we had heard lay beyond. We soon reached the top—some two hundred feet high—walking easily up the slope of smooth igneous rock. Looking back, the broad expanse of our last lake lay before us. It presented a lovely open scene, placid now, and beautiful with the sun declining behind it. Yet that very openness and lack of islands displeased us. We turned. To the southeast, to the east, and to the north spread a network of channels, islands, points and bays.

THE NOON-TIDE SNACK.

From our elevated perch, beyond the middle distance we could descry the glint of still more water; through cunning gaps in the trees on necks of land, further bays betrayed their presence. At our feet, through a narrow pass in the rock, the waters of the lake behind us escaped into that before. Twenty yards from this gap, in the bay below, lay an island of about an acre in extent. The whole scene stretched silent, bathed in the setting sunlight before our enraptured eyes.

"This," said I, "may be our 'Pisgah,' and that, our 'Promised Land.'" But the Boy entertained more practical ideas and had retreated to the canoe for the camera. We then proceeded to record photographically the silent sunset scene which on three sides surrounded us. Then we hurried down to the canoe and paddled to the "narrow gateway" in the rocks into the fascinating beyond. Here, however, the three-foot notch which formed the outlet was further obstructed by the remains of an old dam, and this necessitated a short lift, only about thirty feet, into the water beyond which we found to be but a couple of inches lower on the far side. The nearby island plainly invited us, we reached it, found in its rear a huge collection of driftwood, and on its northern side, towards the open, the rocks dropping wharf-like into unknown depths of water. In a little V in this shore, floored, strange to say, with an inch of sand, we beached the canoe, and immediately proceeded to make camp. An opening in the trees a few yards wide offered an ideal spot for a tent, so while the Boy cut the necessary "browse," I packed the outfit up from the canoe,

started a fire, and within half an hour with the tent pitched, we were ready to sit down to "grub."

At the beginning of a camp meal, conversation is conspicuous principally by its absence, consisting as it does chiefly of curt requests for necessities. "When body gets its sop, and holds its noise," the politer parts of man begin to assert themselves and an interchange of ideas occurs, the more spontaneous for its momentary suppression. Presently there came a sign of contentment. "This," said the Boy, meditatively spreading marmalade on a piece of toast and blissfully unconscious of its dripping on his trousers—"this is pretty scrumptious." The remark was ambiguous—he might mean the marmalade. I was pondering over this before replying when it occurred to me, apropos of nothing, that the opposite rocks, dropping sheer into the water fifty yards away looked "echoy;" so, instead of answering, I shouted loudly and explosively. Instantly my voice was flung back, clear cut word for word. The Boy jumped. Noting this additional attraction to the spot, every other advantage being already there, I replied, "This is not only scrumtious, my boy, this is perfection." And thus "Camp Perfection" spontaneously named itself.

Then we discussed the possibilities of fishing. A hundred yards away, through the natural rock "gateway" lay our last lake, stocked, as we knew with the best. There was therefore that at least to count on. What this much larger lake held for us, beyond its glorious scenery, was a matter of speculation. Perhaps we might live in one and fish in the other; time only would show.

Meanwhile the sun sank and as if it had been a signal, a growing hum from the trees behind warned us of the enemy's approach. Suddenly hordes of mosquitos fell upon us. Seizing our tin mugs of tea, we fled to the tent, and once there, with the net drawn we bid defiance to the foe.

What a godsend that tent proved. During the previous winter we had planned it and, profitting by many a desperate night in years before with ordinary tents, we had made this one really and absolutely proof against the pests.

From the first we had realized that a tent without a solid floor sewn in can never be safe. With this in view we worked. The result was a tent consisting of triangles. The sides and floor were triangles, each nine feet long and six across the base. These were sewn together in the form of a sort of cone so that any of them could be used on the ground and the other two as the sides. By hard mental exertion we evolved three doors, shutting shingle-like in a water tight way no matter which side of the tent was undermost. In addition to these doors, around the opening of the tent was sewn a four foot band of cheese cloth which could be drawn together in a bunch in the centre and tied like the neck of a bottle, making the tent impervious to even ants, much more so to mosquitoes. One rope only supported this tent, running from a peg at its rear (where the sides and ridge converged till they met in a point) up the sloping ridge to the highest part of the tent (at the doors) and then carried to the limb of a tree. This rendered it also a poleless tent, a great convenience. If a tree of sufficient height could not be found, a pole seven feet long could be used, outside the doors, Over this the rope could be taken and there tied to anything strong enough to stand a good pull. In this triangular affair, albeit somewhat cramped, for it was meant to sleep in only—we lay and, finding the atmosphere too hot to be pleasant, we removed our clothes and remained in puris naturalibus, to the further disappointment of the foe. Personally, I took delight in blowing smoke through the cheese cloth at the grey pall of insects which covered the surface outside.

It was hours before we could sleep—who can on the first night in camp? The Boy had never been under canvas before, and sleep was the last thing which occurred to him. We did not try to sleep; on the contrary we conversed, passing from subject to subject with all the illogical lack of sequence characteristic of evening conversation in camp.

We discussed every conceivable subject—astronomy, anatomy, theology,

THE LUMBER CHUTE, A FAMILIAR OBJECT IN THE NORTH LAND.

geology, politics and sport; and upon these weighty subjects we aired our opinions with a freedom and confidence only found where the lecturer and audience are equally ignorant.

About midnight, in this manner, when it had become cooler, and I was just launching into a dissertation upon the nebula theory, a la Prof. Ball, I discovered that the Boy was asleep, and had apparently been so for some time. This accounted for the flattering silence which had greeted my previous remarks upon the planetary system. The example however, seemed a good one, so, giving the nebula theory a respite, I pulled up a blanket and was soon drifting away into dreamland.

The sun was high when we awoke. To economize time in camp, the fire should be lighted before the morning dip, then by the time one is dry, the coals are ready to cook on. A newly lighted fire is a poor thing from a cooking point of view, but when it has burned down, if made of hard wood, all sorts of culinary feats may be attempted on the coals.

Bacon, for instance, may be done to perfection after the manner of a certain guide whom I once met. It should be cut into the usual slices, then each of these again cut into half a dozen pieces about an inch and a half square. The full supply should be dumped into the pan at once and the resulting grease will soon submerge the lot, boiling them in fact. All the while the cooking is proceeding the bacon should be chivied about in the pan so that all gets a chance. When the desired stage is reached, and it comes suddenly, the fat should be poured off and the bacon eaten at once from the frying pan, with the fingers after the manner of sugar plums. It will be found that every piece is cooked alike and cooked evenly. No half burnt, half raw, contorted slices appear. This method not only cooks the food to perfection, but also obviates the necessity of plates and forks—a great point, for what Stewart White says is true, that anything that is not a necessty in camp is a hindrance. If bacon, cooked thus be accompanied by potatoes, roasted in the camp fire, with all the de-

licious charred skin still adhering, little is left for the hungry camper to desire.

Thus crossed legged or ventre a terre, according to individual fancy, with the frying pan between, a row of blackened "murphys" beside it, and a goodly hunk of toasted bread and butter clutched in the dexter paw, we fortified ourselves against the possible adventures of the day.

Our artificial minnow and spoons being our only bait, we bent on the former after breakfast, and started trolling at once. There is a special fascination in fishing in unknown waters. As one is absolutely ignorant of the "good spots," a certain sixth sense must be called into play. This sense is possessed only by anglers, and enables them to recognize a "bassy" looking spot. This morning, however, no sixth sense seemed necessary, and wherever we went along the shores strike followed strike with extraordinary rapidity. Our first fish—a happy omen—proved to be a bass, a pound and three-quarters in weight, small mouthed, the proper greenish black above and snow white beneath. He proved well nourished and plump withal, very different from the bass in another lake I know of, which bite savagely and hard, and well they may, for owing to the scarcity of minnows there, they have indeed a "lean and hungry look."

Following our usual custom in a new lake, we gave him his freedom gladly, first noting his weight. When, after some half minute, a most villianous pike doubled up the little "Bristol," the landing net handle was unscrewed and the heavy end applied with hearty good will between his cruel eyes. Then the hooks were taken out and his carcass sent adrift to apprise his fellows of our attitude towards his kind. There is nothing in the least attractive about a member of this family. No, Esox Lucius is a pariah and an outcast, a highwayman among fish, and as such I have always treated him. Witness Shakespeare's lampoon on Sir Thomas Lucy, making use of an old belief about the pike, and the fact that at home the pike is called a "luce:"

A parliament member, a justice of peace,
At home a poor scarecrow, at London an asse,
If lowsie is luce as some volke miscall it
Then Lucy is lowsie whatever befall it.

If Lucius is not actually "lousie," he is at least the unclean, the hopelessly evil, in whom is all manner of depravity and wickedness.

Yet I constantly see references in magazine articles to "nice pike." Yes, there often appears photos of apparently respectable people in company with strings of these slimy brutes, and happy in sueh company. Yea, there be those who see no difference in the relative amount of sport to be got from the capture of a bass and of a pike. Such have no discrimination. They both be fish, they argue, and the pike the larger, ergo we prefer the latter. To such misguided ones I can only repeat, sadly repeat the Gospel's words: "Ye shall die in your sins."

The third fish on our line acted in a very different manner. He did not rise, undoubtedly he was not a bass; nor after one rush, did he come in stupidly; ergo he would not be a pike. Lurking dee down, he worried at the line, now and then making a wicked rush to which I perforce gave line. At last, out of the depths, we peering down, could see a yellowish shape appear with large luminous eyes. "A pickerel" said I, without thinking, giving it the common misnomer. It proved to be so.

He we detained a while for the purpose of examination and identification. How the name "pickerel" was ever applied to this fish is a mystery. With its high dorsal fin, like a perch, its huge irridescent eyes, yellow color, rough scales, entire absence of slime, its fighting qualities, and its very round cross section, it cannot be mistaken for the true pickerel, a smaller variety of pike. In the St. Lawrence, this fish, owing to its yellow color, is called "doree," a good distinctive name, and one which we in Upper Canada should adopt. Its other Ontario name is "wall-eyed pike," again a misnomer, as it is not a pike but a perch.

Releasing our third capture, we proceeded along the rocky shore, every min-

ute getting a strike, but unable to always "hang 'em up."

"Yank!" the rod doubled sharply. "Got him this time," said I, but the line, after the first hearty pull "went soft" and, as I reeled the creature in, a too familiar flapping on the surface behind, told us before we saw him the nature of the beast.

Some day, when I am called upon to compile a fishing dictionary, this definition will appear under B. "Bass—(ambloplites rupestris) alias, rock bass, alias, goggle-eye, alias d—fool, and many other names quite unprintable. This creature has neither manners, conscience nor soul. He neither fears God nor regards man. He is the 'yellow kid,' among fish. He is possessed of but one idea—to bite—to bite at everything in sight, to follow the bait to the very surface, yea above it, blind to all else and in every way to annoy and exasperate an earnest angler intent on better things. He may be caught by the dozen, hundred, ton, or by cord measure, but not singly. He is utterly detestable and past praying for." Thus it will stand written.

HAPPY IN SUCH COMPANY.

I once tried fishing by moonlight to refute the theory of my uncle that fish would not bite at night. I skittered a spoon, and, of course, raised a rock bass. I exhibited him triumphantly—albeit the first of his kind I had ever taken to camp. My uncle was not in the least put to silence. I said that *fish* could not be caught;" he remarked, "you have only proved another theory of mine i. e. that a rock bass will bite *even in his sleep*!"

In the present instance the size of the capture took my breath away. I had unwillingly caught fifty and sixty in a day, losing half my bait and all my temper, and not one had I seen over a pound. This one kicked the beam at two and a quarter. But we did not pause long to admire *his* proportions; a short examination to prove his identity, and on we went.

As we passed close to the shore, the movement of some small animal behind a stranded log caught my eye. Thinking it a ground hog, I turned away. But, an excited whisper of "Porcupine" from the Boy and a wild groping round his belt for his "gun" told me that a kill was near. At last the 32 was lugged out. Bang! the rock chipped beneath the creature. Bang! now over it, and the porcupine hurried up the bank. A third shot only quickened his gait and he disappeared into the second growth. With a sweep of his paddle the Boy sent us ashore, jumping out into a couple of feet of water in his excitement, tearing up the bank, banging away as he went. I was left more so-

berly in the canoe to wind up the line before the minnow fouled the bottom. Doing so, I counted the last of the six shots.

Then, feeling safer, I climbed leisurely up the bank and found the Boy standing triumphantly over a dead porcupine. The pose, however, was not a success. One cannot easily look heroic while pulling quills out of the fingers with one's teeth. The last shot, delivered at a range of three feet, as the prey was climbing a tree, had proved fatal. There had been enough life left in the creature's tail though to implant a dozen quills in the Boy's incautious hand.

I said that I would skin the animal in camp, so we loaded him gingerly on the bow deck and proceeded.

All day, with a halt at the camp for a snack, we trolled along the shores, and wherever we went the strikes continued. Now a bass, now a pike, now a doree and occasionally a rock bass. We kept a rough count on a piece of birch bark and found that in numbers, between the first three species, there was nothing to choose. Perhaps the pike had a slight advantage, especially in shallows and over bits of drowned land, but in the deep, rocky gaps and channels, the quick earnest yank and succeeding plunge astern betrayed the presence of our old friend. We landed perhaps a third of all that struck at the lure. That is the drawback to all artificial bait. Its weight is sufficient to allow a bass to snap it from his lip with one fierce shake as he leaves the water, tearing out the hooks unless they are very firmly secured. For all their fifteen hooks in gangs of three, such baits can never hold a bass or any leaping fish as safely as a plain snelled Sproat hook. With the latter, if any skill is used, there is no fear of losing the fish, and the single hook is less cumbersome and much more sportsmanlike. Added to this, fifteen hooks in a landing net with a lively bass give occupation for a quarter of an hour.

In the present case this was well illustrated. Time and again a strike would come, the rod bend for an instant and then relax. A quick forward draw after this often led to a repetition of the strike, and many were thus captured. We weighed the larger, estimated the weight of the rest and tossed all back to their native element. All, did I say? No, not quite all. The pike we executed carefully and religiously and for this purpose we used a gaff—anyone who has seen the state of a landing net after lifting out with it a pike, appreciates a gaff In the death of each pike we could foresee with prophetic eye, next summer a thousand bass fry more.

By sunset we had explored some few miles of channels, examined many islands and had caught a great many fish. Our plan all day had been for one to paddle, the other to fish until a dozen had been landed. Then places were changed. This gave each of us an even chance and varied the monotony of one occupation all day. That evening, round the fire we discussed the situation. Certainly the lake teemed with fish. We had caught and weighed a great many heavy bass during the day. Of course there were far too many pike present (one would be too many) and the doree were rather a nuisance.

Bass were our only consideration and the other varieties an incident. We reflected that our bait was calculated to land pike and doree readily as they never broke water, but for bass, although attractive enough, it was not a success. We had found during the day that the larger the bass, the greater his chance of escape from the artificial minnow. Over and over again the rear propeller on the bait would be doubled completely up with the vicious twist and shake of a big bass, while two of the hooks were snapped completely off. We had had some rare monsters on, but after the first grand plunge, the minnow would be thrown four and five feet with the shake and snap of the monster's head, to be reeled in, bent and tangled. Thus we had seen some very fine fish though of course quite unable to estimate their exact weight. Three and a half was the top weight actually landed. The pike ran from a pound to five, the doree the same.

That evening's meal was graced of course by a bass, and what could be more delicious? Nevertheless, few can cook a bass properly. A fresh water

fish has the most delicate of flavors—a flavor easily lost. A fish that has been dead an hour lacks much of this delicacy. As for the things that are sold in the markets—well, they are like the eggs advertised for "frying only." In cooking a freshly killed bass the main idea is to preserve this delicate flavor intact, and everything which might impart a taste to the fish should be kept away. Yet many misguided ones use bacon fat, others lard, and still others, yet more depraved, "any old kind" of grease which is to hand. Of course, far from civilization such a course has to be pursued. I am only referring to summer cottages where butter can be had. My own plan is an extravagant one, a lump of butter as big as the fist being necessary. The bass should be scaled and cleaned dry; then wiped carefully with a clean rag. The pan, absolutely free from traces of any former frying, should be heated, the butter put in, and, when this froths up nicely, threatening to overflow, the bass should be carefully slid in. Then the pan should be constantly agitated so that the fish may never be still long enough to adhere to the bottom. The butter will flow over the fish, broiling him to a delicate brown. Both sides should be cooked to this brown color, in fact, by this method it is hard to cook a fish too much. No salt, pepper, nor anything else should be added during the cooking lest the fleeting flavor be lost. When done, the bass should be eaten out of the frying pan, with the butter, now a a rich brown gravy, entire. A single change into another dish will, to a certain extent, effect a deterioration in flavor; and the fastidious one who insists on his share being removed, will only lose by the act.

I have said that the fish should be scaled. Many prefer to skin them, as being quicker and easier; but it must be borne in mind, that the best flavor in a fish, as in a potato, lies in the skin, and the skin helps to hold the fish together while cooking—a great point.

I remember taking out a chap for a day's fishing, lighting a fire, and cooking a couple of bass in this fashion for luncheon. He had never eaten a bass before, and never anything out of a frying pan He objected, insisted on a birch bark plate, losing thereby the butter and all the delicious crisp "scraps" which remain in the pan. But he became wiser. In a week I had much trouble in drawing the meridian across the pan to his satisfaction, while he took to the melted butter and "scraps" with an avidity that became embarrassing. Of a truth one learns much and quickly when cheek by jowl with nature.

Meanwhile the porcupine patiently waited for his skinning. I lugged him into the fire light. There did not seem to be a bit of him, save his feet, unprotected by the thick set quills. After poking him about with bits of stick, we concluded that after all his skin was not desirable. Not to be quite baffled however, I chopped off his tail, split it down the under side, and skinned that—albeit at the risk of my life. For the rest of our stay at Camp Perfection, constant exclamations of annoyance whenever we sat down unguardedly, or walked about without shoes, betrayed that the murdered porcupine was still seeking vengeance.

For three days more we idled about Camp Perfection, always finding some new attractions to the place. At night, we embodied these in "deathless verse," working in the names that had suggested themselves at different spots. I will not inflict more than a specimen of this twentieth century epic upon the readers of "Rod and Gun;" nevertheless the poem is a masterpiece of rythmical ingenuity, composed as it was under the influence of such varying emotions.

Canto XI.

Stanza (I think) 13.

"The view from the landing, enchanting, commanding! !
Embraces a prospect of cliffs crowned with green;
Beneath at their bases, reflected, the faces
Of o'er hanging rocks in the waters serene."

Stanza 14.

"Each spot has its story, cliff, rock, promontory,

From episodes happening at various times—
In front, where the trees thinned, the rock of the whirlwind
And baie de fiasco, and point porcupines."

The third line in stanza 14 gave us much trouble with its internal rhyme. The only perfect rhyme with "whirlwind" being "girl grinned"—the Boy's suggestion—which I rejected as unpoetical.

In the glorious still evenings, fleeing from the mosquitoes, and floating idly among the islands beneath the moon, such effusions as this were "fomented."

"And oft in the gloaming, when silently roaming
Through watery channels and passes untold,
From far out 'neath the moon's beam comes lone the long loon's scream,
Flung back from the echoing cliffs sevenfold."

Again in line three of the above, the Boy pointed out that all loons are not necessarily "long." While admitting the truth of his observation, I refused to sacrifice the alliteration and assonance of the phrase for the far less important consideration of sense. That third line was always a source of trouble and annovance to us.

On the fourth morning the pattering of rain on the canvas awoke us. This was unexpected, as we had intended moving our base farther up the lake that day. After breakfast, obtained without difficulty, with supplies of birch bark at hand, we settled down to kill time in our narrow quarters as best we could.

It was Sunday we calculated by a somewhat hazy mental process. There were no church bells to apprise us of the fact, no one to tell us, for since we had reached our lake, not a human heing had we seen. This argued well for solitude and peace. Meanwhile the east wind was piling up the rack and by four o'clock the rain had settled down to an all night affair.

But the Boy was crazy to move. I could see that the travelling fever had, for the first time, seized him, and from my own experience knew that there was no cure. The fit comes without reason, and departs in an equally inexplicable manner. While it is in progress, there is but one thing to do—move—for in moving only can one derive any satisfaction and, no matter what the conditions, in moving this satisfaction can always be had.

Still, to move from our snug quarters on such a day was distinctly silly. One has to learn though, so I gave in, and. during a lull in the rain, we made a record breaking pack up, taking with us the dry "browse" under the the tent; for the trees were dripping. After threading our way through half a dozen channels against the "flaw blown" gusts, we faced the wind and sea on the five mile stretch of the open lake beyond. I skirted the shore, keeping well bow on to the rollers, and in this manner we crawled along for a few miles until "the gloomy day grew gloomier, towards twilight falling."

Coming at last to a point which we had noted a day or two before, where a fire place, lug-pole and rough table showed that others had once passed that was, I called a halt. We made a difficult landing in the seaway, lifted the canoe high and dry on the rocks and, while sufficient light remained, made camp in a hurry. Here we thrice blessed our tent, with its stout canvas bottom pegged tightly over our supply of dry "browse." Into it we tumbled just as the rain began again in earnest and the squalls, coming down the darkening lake drove the seas high against the rocks on the nearby shore. It was a thoroughly "bad" night, and like so many summer nights in the northern country, it grew exceedingly cold. But we, with the pointed end of the tent toward the storm. could afford to laugh at the elements, as every moment we realized the contrast of comfort within and cold and wet without.

As a fire was out of the question we sacrificed six of our candles to supply its need. Cutting these in two, the twelve lights were placed in a circle in the grocery box in the tent. The bacon was cut, half a dozen eggs dug out of their safe retreat in the rolled oats, and then, lighting up, we proceeded to fry. It took time, for twelve candles do not give

as much heat as one might expect. When the candles had all melted into a puddle of wax in the box, and the wicks flared away threatening to start the "whole show" the meal was pronounced ready. Only a minute more was necessary to boil water for the tea, and then the incipient bonfire was extinguished. How we enjoyed that meal, albeit in an atmosphere thick with candle smoke and the reek of frying. In fact the tent has never quite recovered from that evening's performance and there still clings to it an odor strongly suggestive of many things.

That night we hauled out our map and planned a hundred mile loop, beginning and ending at Camp Perfection. We were perfectly satisfied with our lake, but we wanted to see what lay beyond. Having made up our minds, we turned in.

Somewhere about midnight I awoke with a jump with a feline "yawl" ringing in my ears. The Boy, I could feel, was also awake with every muscle tense. Again came the screech, unmistakably cat-like.

"What is it?" muttered the Boy.

"That," said I with assumed nonchalance, "is a wild cat; listen again."

From about a hundred yards away, apparently near the shore, three times was repeated the unpleasant sound. I looked out. Everything was as black as pitch, and a wild-cat, or indeed anything else a yard away, would have been invisible.

"I wish he would let me get to sleep before he begins his caterwauling" grunted the the Boy, with an equally fine attempt at bravado, as he turned over in the blankets. But the turn, I noticed, brought him against me, as I snuggled down again to sleep. We were not disturbed again dnring the night, and when the morning broke still, clear and serene, all thoughts of midnight marauders vanished.

The Boy could hardly wait for breakfast, so eager was he to be away. The "fever" had come on again doubly strong, and I, myself, felt stirrings in my blood—desires to see what lay beyond, behind the next point, and the next, and so on. At last, with compass on the sack in front of me, and map at hand, we got under weigh. The outlet lay some thirteen miles away, according to the map, and the way lay through a labyrinth of islands and channels, none but the larger marked on our small scale drawing.

THE BOY STANDING TRIUMPHANTLY OVER A DEAD PORCUPINE.

We had started later than we had thought.

No one valuing his peace of mind carries a watch in the wilds so that, but for a five minute "spell" for a snack; we kept pegging along until, after many turns, and hope many times deferred we reached the outlet towards sunset.

Here a sawmill and dam blocked our way, and the Boy had his first real carry. It was only about three hundred yards, so that we were soon again under weigh

with a hearty current under us now to boost us on our way. The river, however, was a small one, as our lake was its head water. A grassy point soon appearing, we camped and leisurely prepared the evening grub.

Not to sleep too late the next day we turned in early, soothed to slumber by the drone of a convocation of bullfrogs in a neighboring marshy inlet.

We got away promptly in the morning sliding down the river, round bend after bend. But the current was going, betraying open water ahead. Presently we emerged through some low lying marshy ground, on a five mile sheet of water, dotted here and there with lovely little islands. We paused here, as I always do on reaching open water, to get the trend of the wind and seas. The former we had heard in the trees above us, and now found to be dead behind and rising steadily. Away ahead I knew the waves would be high, and running before them in a loaded canoe no joke. The Boy, not up to the game, condemned the artful way I took the old Taounyawatha down that stretch. Making the most of the long "tail" of lee beyond each of the outlying islands, we sped down the lake making long angles from one point of vantage to the next. Beyond the last however a clear two mile stretch lay between us and the outlet. We covered this at racing speed, the wind doing most of the shoving, while I had all I could do to hold the canoe straight before the rollers. On a little point ahead, appeared a cottage, alas, civilization already. To this, however, we went to make sure of the outlet, not wishing to go back against the wind.

As we drew up before the landing, backing water gently, rearing and ducking to the waves, an old woman approached and *asked us the time*! ! Ye gods, had we come thus far, had we discarded all but the necessaries of the simple life, lived like aborigines and dressed like them, only to be stopped by the first white person and asked the time! It was a distinct and unpleasant shock. It was also evident that civilizatien was not far away. Perhaps—horrors! they even held "garden parties" here!

We got our information however and soon were in the river again, but not too soon. A squall of rain swept down the lake, sending us ashore to seek shelter under the upturned canoe. It soon passed, and with an increased current we moved faster and faster down the stream. Clearings began; presently a log bridge appeared, another, and every three or four miles a dam and mill. These latter necessitated carrying, but the fever having us both in the grip we toiled and sweated all day, rejoicing when the quickening current drew us to a rapid down which we sped in highest glee. But the water was low, and the consequent bumps too many.

About six o'clock, having made no stop except to carry, we ran our last little rapid, and here we came to grief. A splintering bump brought us up in the descent. In a trice we were over board in the stream bed, holding the canoe. Wading thus ashore we wisely camped at once, as I knew that a patch would be necessary before any further progress could be made.

Three punctures were the price of our little mishap, but with canvas and shellac with us, no serious delay would ensue. We felt satisfied. We were half glad of the mishap as it made us stop where we would not have stopped in our yearning to put mile after mile behind us before night. We also felt tired. having covered thirty miles since breakfast and made many carries. We were hungry. I opened a tin of pork and beans and dumped it into the pot. A tin of corn followed, then a tin of tomatoes, pepper and salt. Five minutes over the fire, and "grub" was pronounced ready. The "bouillon" we drank out of our tin mugs, then eat the solid matter with bread and butter. This was followed by bread and marmalade, then a pint or so of tea. What more could a hungry man want?

(To be concluded next month.)

CLIMBING MT. ABERDEEN.

A Fresh Field in the Rockies.

BY MRS. SPRAGGE.

A new point of departure must always attract one who has been a pioneer in the mountains, so when Bob Campbell, the most experienced guide, and best outfitter in the Rockies, with headquarters at Banff Alta, suggested, on my return to Laggan from a ten days' outing with the Alpine Club in Paradise Valley, that I should visit Ptarmigan Lake, in the Palliser range of the Rocky Mountains, I was only too glad to avail my self of the opportunity, especially as this recently discovered district will be an additional attraction to the chalet at Lake Louise, my favourite resort.

It will form as shown by a rough diagram made for me by Mr. A.O. Wheeler, F.R.G S., who has been all over the ground, a series of three new expeditions from Laggan. One that I took to Ptarmigan Lake returning by way of the Pipestone Valley which would take three days; one by the same route but continuing on to Baker Lake and waterfall that would be longer, and one beyond Baker Lake to the Red Deer River at the watershed of the Rockies, then back to Laggan by way of the valleys of the little Pipestone and big Pipestone that would occupy at least a week.

THE C. P. R. HOTEL AT BANFF.

We intended to cross over the Ptarmigan Pass at an altitude of nine thousand feet but were prevented by an unforseen obstacle as will be seen later.

On the twelfth of July, 1907, therefore we set gayly forth from Lake Louise Chalet, Campbell on his raking 16 hand thoroughbred Six Bits, I on a capital grey pony, by name Eva, with a pack pony bearing our camp outfit that rejoiced in the euphonius cognomen of Hoggie, probably from its greedy and engaging habit of stopping to graze by the way ; we were further accompanied by a bob-tailed sheep dog called Four Bits, that had adapted its hereditary instincts to pack ponies for the manner in which it endeavoured to counteract Hoggie's voracity by pulling his tail, and biting his hocks when he attempted to gratify his appetite, was most amusing and effective.

When we reached the station at Laggan, I discovered that the Pipestone River must be forded, and it looked deep and treacherous, with a current strong enough to upset my pony's equilibrum. As I knew something by bitter experience of mountain water courses, I decided to walk across the railway bridge and remount Eva on the other side. I congratulated myself not a little on my perception when I witnessed the struggles of horses and rider in the raging river for the landmarks of the crossing proper had been washed away and Campbell's big chestnut promptly dropped into a deep channel that soaked his master up to his knees. Eva did better without any weight on her back and eventually clambered dripping up the bank where I mounted astride and Campbell dismounted to wring himself out as far as possible, for his high boots were full of water. This operation over we turned our horses' heads towards the Palliser range and I led the way up a steep mountain gulch, Campbell bringing up the rear with Hoggie sandwiched between us to keep him up to the mark.

CASCADE MOUNTAIN BANFF.

The trail was good and we made excellent time, rising ever higher and higher through beds of scarlet painter's brush, masses of wild laurel, coming at intervals upon graceful groups of dainty white columbine bearing enormous flowers. The vegetation was most varied and the view when we reached a higher elevation, superb. We stopped at a clearing where the trail forked to photograph the Bow Valley east and west. Lake Louise was plainly visible directly opposite us, nestling like a turquoise matrix in her rocky setting, with Mt. Temple to the east in all its glory of glacier and snowfield, while Paradise Valley and the Valley of the Ten Peaks away to the south cleft the ranges with the emerald furrows of their deep depressions. The Bow valley opened widely to the north west with the line of the Canadian Pacific Railway following it, in its further course up silvery Bath Creek. Looking east we marked the Bow again, threading its way through a chain of little lakes in its chequered career amid the Rockies and foothills down to Calgary and beyond.

I was loath to turn my back on such a panorama, but time was fleeting and we must onwards and upwards by Corral Creek, that formed first a narrow canyon where we entered it, then gradually widened into a valley enclosed between spurs of the Palliser range, terminated eventually at Ptarmigan Lake above timber line where we made our camp for the night.

Here we found Mr. Chapman, one of the curators of the New York Museum, with his artist companion Mr. Fuertes. Both men had come hither by Campbell's advice with one of his guides to study the nesting ptarmigan. They had begun their labours in the West Indies in March and followed the nesting birds on through Florida, northwards across our own prairie land, to the Rockies in order to secure some Alpine species above timber line.

I was much interested in Mr. Fuertes' portfolio, with various studies of the feathered denizens of the plain and mountain and still more so in a large water color he was painting of the view down Corral Creek to Mt. Temple with rocks and ptarmigan in the foreground, that was to serve eventually as a background for groups of these birds in New York Museum where Canadians may now contemplate it.

LAKE LOUISE CHALET.

Their tent was nestled on a grassy knoll just below the lake, as near their work as the presence of firewood would permit. We camped below them and made our journey from Laggan of twelve miles all up hill with a pack pony in two and a half hours.

After lunch we paid a long visit to Mr. Chapman who had secured all the specimen of ptarmigan he required with many other fascinating Alpine birds he had preserved in formaline and cotton wool. The two square trunks, that contained them looked a problem to me for trail and pack ponies.

MT. BURGESS AND EMERALD LAKE.

From their camp we ascended to Ptarmigan Lake, a lovely sheet of glacier water still covered at its northern end with ice and completely enclosed by rugged peaks with verdant and rocky slopes marking the indigo waters with numerous indentations. I sat down to sketch while Campbell went on to inspect the pass into the Pipestone valley, which we must cross at an altitude of nine thousand feet. His guide who had camped for a week at the head of Corral Creek with Mr. Chapman and Fuertes, told him it was impossible owing to the late season of 1907 and consequent depth of snow to cross it with horses.

I esconced myself beneath the shelter of a huge boulder entranced with the scene, while marmots, scampered and whistled about me, and a snowstorm drifted over the lake and me, producing most marvellous effects of light and shade as it whirled away by peak and crag and the sun shone out again in an azure sky.

Such days amid such surroundings make impressions that are indelible, compared with which ordinary outings are as common place as conventional. When I think of the possibilities offered by good guides and outfitters off the beaten tracks of civilization, the comfort with which one can camp and travel, I am surprised that I do not meet dozens of people instead of but a few scattered parties here and there.

The Canadian Pacific Company is continually discovering and opening new localities and trails near its mountain hotels where guides and outfitters can be obtained at reasonable rates, the larger the party, the smaller the cost. Every woman riding and camping in the mountains should have a dunnage each, that can be purchased at Banff, Laggan or Field, and serves as a waterproof carryall for blankets, clothing, etc., toilet articles may be further enclosed for convenience in a small bag of some strong material inside this ; she should also be provided with a woollen jersey or sweater and a slicker or oilskin coat, short at the back and cut to fit the saddle ; further a divided skirt with riding trousers, or bloomers, and either strong low boots with leather leggins or high boots. Blankets and tents are of course provided by outfitters with all necessary camp articles and supplies.

I retired from the shores of Ptarmigan Lake at six o'clock, Campbell not having yet returned from his researches into the pass. I could wait no longer, for him as it grew cold at that elevation after the sun disappeared behind the mountain ranges; so I scrambled as best I could over water, rock and stone down to Mr. Chapman's hospitable tent where I was entertained with tea and talk until my guide appeared upon the scene and announced that the pass was quite impassable, the snow lying twenty feet deep in some places.

Together we adjourned to our own camp where he prepared me a most delectable supper, later Messrs Chapman and Fuertes joined us and we sat chatting and exchanging stories, and relating adventures and experiences over our camp fire until far into the night. Then I withdrew to my unique tent that had once been the property of no less a person than Edward Whymper and was furnished with all the comforts and conveniences that mountaineer's fertile brains could devise, including a portable floor, that combined and folded up inside it as well as pockets galore. Campbell stretched himself under a bush with his head on his saddle and his dog at his feet and slept so soundly wrapt in his blankets, that I found it difficult to rouse him the next morning.

We packed our outfit early and returned to Laggan with Messrs Chapman and Fuertes, an imposing procession of three pack ponies and five riders. The Pipestone had moderated its watery transports in twenty-four hours owing to a cool night and was easily forded. Once over the river, we had but three miles of excellent carriage road to cover between the station and Lake Louise Chalet, the Alpha and Omega of our expedition.

TYPICAL OLD RED RIVER CART.

Once in a while you may still see one of these in a Winnipeg street.
Courtesy of O. S. Perrault, Secretary American Tobacco Company, Montreal.

Books of Interest to Sportsmen.

THE catalogue of Messrs. Hardy Brothers, Alnwick, England, may be well classed as a book of interest to sportsmen. It is nothing less than a volume and a volume of very particular interest indeed to all fishermen. While the illustration of flies in their natural colors are attractive, the articles lend themselves to the passing of pleasant half hours and even the catalogue pages contain enough to ponder over in dreamy contemplation of past achievements and confident expectations of future successes, provided only one can procure the Hardy outfit. Long years of practical experiences have enabled the members of the firm to provide for every possible requirement and to add many things which though not absolutely required have much to do with the pleasures and the results of a fishing trip. We note with interest the increasing attention Messrs. Hardy Brothers are acccording to Canada. In the new addition of the catalogue in addition to a page descriptive of the wonderful fish ing the Dominion offers, another page is given to the experiences of fishermen in Canada, and a third one describing fishing tackle recommended for use in British Columbia. While there is material on every page which cannot fail to interest the fisherman there is much of a wider and more general interest appealing to all sportsmen. Necessarily the catalogue shows some sameness, though the firm never fail to register an advance with each issue and the last one in its arrangement as well as in the great wealth of valuable matter within its covers, shows improvements upon every one of its predecessors. The fisherman who possess a copy may be trusted to consult its pages often and he will certainly never fail to find interest and instruction therein.

Salmon and Pigeons.

BY C. W. YOUNG.

AS one who is beginning to feel somewhat like an old timer, will you allow me a few words in regard to salmon and passenger pigeons, both of whlch are alluded to in May Rod and Gun. As to salmon in the Credit, I am not in a position to speak from personal knowledge, further than that when a boy I remember catching two or three fish of a few pounds weight in the Spring Creek, a tributary of the Credit, between Georgetown and Stewarttown, which were supposed to be salmon. Of this I cannot speak positively but I have often heard my father, who was one of the first settlers of Georgetown, say that when he went there in 1843 or thereabouts, the salmon were so thick in the river in the autumn that if they did not move one could have walked across on their backs dryshod. Hired men, making an engagement, stipulated that they should not have salmon to eat more than so many times a week.

About this time, however, or soon after, the dams at Streetsville, Meadowvale and Georgetown were built and no fishways being provided, the fish naturally could not ascend to spawn, save an occasional one which might work its way up the tail races. Trout and eels did this and traps to catch them were kept set continuously under the mills, a nice mess being gotten almost every morning at certain seasons.

The late Samuel Wilmot, who was the pioneer in artificial fish hatching in Canada, began operations in Wilmot's Creek, a short distance above the village of Newcastle and for many years spawned salmon there artificially. I was at his place in the autumn of 1874 and saw the troughs full of salmon spawn and some forty spent fish in the retaining pond adjoining. Some of them must have weighed thirty or forty pounds. They were haggard, dirty looking things, with no more life in them than carp or suckers. I was told by the attendant that they were to be turned into the river some night, and chased into the lake a mile or more distant, as if this was not done they would stay in the creek and the farmers would kill them with sticks. These were undoubtedly sea salmon (salmo salar). It was the custom of the Wilmots to put a ring in one of the fins of each fish that was spawned; some of the ringed fish were taken from time to time on the Atlantic coast, and some returned to the hatchery, at what intervals however I do not know. I think I have been told that 1874 was the last year that the salmon came to Wilmot's Creek. Looking at the stream from the car windows, nowadays, it is hard to believe that it was ever frequented by so large a fish as the salmon. In midsummer it is almost dry. Dr. Murdoch in the May number talks of the possibility of coaxing salmon back into the Credit and providing for their ascent up the river. but conditions are a good deal different from fifty or sixty years ago. The clearing away of the woods has reduced the Credit and the Wilmot's stream to small proportions and the once clear, ice-cold water, is now muddy and warm, suitable, in the lower reaches at any rate, only for chubs and such like vermin. It would hardly suit the king of fishes.

Once in a while salmon still come up the St. Lawrence, however. A few years ago two fish were speared under Mack's mill in Cornwall, about ten or twelve pounds weight. One of these I saw and am convinced it was a genuine specimen of salmo salar. The same season, two strange fish were killed near Morrisburg, and a year or two later, two or three near Barnhart's Island, at the foot of the Long Sault. I did not see these, but from the description I got, they were sea salmon also.

Wild pigeons were very abundant in the days I speak of about Georgetown and for a good many years later. I can remember when there were immense

flocks almost every year, and can clearly recall seeing large crates of live birds brought in that were caught in nets such as your correspondent describes. A stool pigeon was used, its eyes being sewed up, and it was fastened to a teetering perch which kept it constantly fluttering and attracted the wild birds. When a sufficient number had gathered, the net was sprung and the catches were often very large.

Any morning during the summer one could go out before breakfast and within a mile of the village get a dozen or more pigeons with little trouble.

I remember on one occasion during a winter trip in the county of Bruce being given salted and smoked squabs to eat at farm houses. These were killed mostly with poles in the rookeries during the nesting season and put away for future use.

The last rookery I saw was in the township of Melancthon, north of Orangeville, in the summer of 1866. On driving home we came to a cedar and tamarac swamp, where hundreds of thousands—perhaps millions—of pigeons were resting. As far as the eye could reach the trees were full of birds, many not fully feathered, and packed as closely as one now sees swallows on telegraph wires. They were quite tame and were little disturbed by passing vehicles. Our only fowling piece was disabled—we had been after trout in the Mulmur lakes and were not expecting game at that season, and we did not kill any of the pigeons. As I remember it, we had a long drive before us and could not wait any time, or I have no doubt the birds could have been killed with poles.

I was out of Canada after that for some years, but on my return, in the spring of 1874, a party of us went out to Gadshill, north of Stratford, one morning and killed a dozen or so wild pigeons. They were very scarce. We saw not more than forty or fifty altogether, and to the best of my recollection that was the last of them in that part of Canada.

In the autumn of the same year, the great northern flight of golden plover passed over the section about Stratford. There were a few plover there most years, but that time they were in very large numbers and for a few days on the highlands up the Goderich branch all of us made good bags.

Where the pigeons went to still remains a mystery. The last large breeding grounds I heard of were some years ago in Arkansas and in the Ozark Hills in Missouri, but civilization has cleaned them out of there.

A few years since my friend, Stanley Waterloo, of Chicago, a well known novelist and newspaper man, made systematic efforts to get track of the whereabouts of the passenger pigeons. He addressed letters to all the U. S. representatives from Mexico south, asking them to make inquiries for the missing flocks and from their answers drew the conclusion that they had gone south and were still to be found in the high regions of the southern hemisphere, but I have seen nothing since in print about them.

Once in a while rumors of stray flocks come from Virginia and other Southern States, but usually lack confirmation. It is probable that like the salmon and the wild buffalo, persecution and the disappearance of suitable conditions, have made the pigeons extinct in the regions they once frequented, and they have gone never to return.

A fine gathering of talent was present at the dinner of the Canadian Club of New York. The chief point round which interest and criticism has centered was the speech of the Hon. J. H. Langly, ex-Justice of the Supreme Court of Nova Scotia. The hon. gentleman holds that the inevitable developement of Canada is that she shall grow out of the colony stage into that of alliance with the Mother country. Mr. Bryce, the British Ambassador at Washington, stated that the British people were never more proud of Canada than they are today and he lieves that feeling is heartily reciprocated by the people of the Dominion.

A Boys' Camp in Temagami.

A WORKING PARTY : JUNIORS AT COCHRANE CAMP.

CAMP Temagami, or as it is more generally known, "Cochrane's Camp" is charmingly situated in the South arm of the lake on an island of thirty acres, that is completely sheltered and almost surrounded by other islands.

This camp was first organized some nine years ago by Cochrane, a member of the Upper Canada College staff,—himself, an enthusiastic camper. He conceived the idea of getting together a party of boys who had no particular plan or programme for the summer vacation, and with them touring through the Muskoka and Lake of Bays districts.

These canoe hours were so successful that it became necessary to establish permanent headquarters at some central point where the boys could be trained in all that pertains to camp life before being sent out on camping side trips.

Without hesitation Temagami was selected as the ideal location lying as it does in the centre of some thousands of square miles of the best camping country in the world. In its new location the camp has grown and broadened so that instead of a private camping party, the camp draws its members from all parts of the Dominion, from Halifax to Vancouver, with latterly a good percentage of cousins from south of the border, while each year many fathers and adult friends of the boys lay aside the cares and worries of business, and unmindful of the luxuries and shallow conventionalties of modern life become for a space, campers themselves and boys once more.

Life at camp is both interesting and varied. In the interior of the island a space has been cleared for baseball and other games, which are played with the greatest enthusiasm.

Many boys become exceedingly handy in the way of tools and gain considerable knowledge of rough construction work, from carving out a paddle for them-

THE WAR CANOE OFF FOR THE DAY.

THE ISLAND BRIDGE.

selves to building a rustic bridge, wharf or log cabin.

Novices soon become adept at managing a canoe or rowboat in the small sheltered bay in front of the camp. The water here is shallow with a firm sandy bottom, and this advantage combined with the fact that help is always near practically eliminates danger to the youngest learners.

A regular course of instruction in swimming is given, special attention being given to learners. For those more advanced the certificate or medallion of the Royal Life Saving Society is granted to those who learn something of the useful side of swimming, that it is necessary one should know before he can feel really at home in or on the water, or be well able to assist others in need.

When competent, examinations are held and awards given in the following order of merit :

1. Elementary Certificate.
2. Proficiency Certificate.
3. Bronze Medallion.
4. Silver Medallion.

The latter is only given to those who have successfully passed the examination for the medallion of the society, and in addition, are able to perform several aquatic feats, which include the ability to right and empty upset canoe under two minutes, to swim a quarter mile in ten minutes, to take a clean header from a height of ten feet, a backward dive from a punt, to undress on the surface of the water, forward and backward somersaults, motionless floating, or "torpedo" for twenty feet, and prove thorough ability to handle skiff and canoe.

Very few so called expert swimmers are able to perform all these feats, yet it is astonishing what a lad can learn in a few weeks careful tuition and a determination to succeed.

These classes are personally trained by Mr. Cochrane, who as Honorary Representative of the Royal Life Saving Society has had over twelve years' experience at this work and is widely known as a leading expert and authority in all that constitutes the art of swimming.

The value of his work in this respect

THE REGATTA : FINISH OF JUNIOR SINGLES.

BRIDGE BUILDING.

has been recognized by His Majesty King Edward who has recently conferred upon Mr. Cochrane an honor in connection with the Order of St. John.

An experienced staff has charge of the culinary arrangements at camp, there being an abundance of plain wholesome food ; while as a member of the staff is a qualified physician, provision is made in case of possible sickness or accident. A handsome booklet illustrated by photos taken by members of the camp and containing all detailed information will be sent on request by applying to A. L. Cochrane, Upper Canada College, Toronto.

Canoe trips are arranged throughout the season from a day's trip in the war canoe to a distant part of the lake, to a journey over numerous lakes and rivers and through primeval forest for two hundred miles or more.

The longer trips are for the more experienced boys only and have the services of an Indian guide while each party is in charge of a member of the camp staff.

On these trips each boy learns the proper way to portage "duffle" and canoes, how to pitch and strike a tent, to act as camp cook, and take turns at similar duties for his own instruction and the general good of the party.

It is a frequent experience to see a boy who finds a twenty pound "tump" quite enough to tote over a rough portage at the beginning of the season, take a quarter mile with the canoe on his shoulders before long and that without harmful strain, for a boy is never encouraged to attempt too much.

The quality of the lad's endurance, his rugged health, and the firmness of his muscles, may be imagined at the conclusion of a holiday spent in this way.

Life in the open air, freedom from conventionality and a self reliance that means much for a boy's future makes a vacation spent in this way ideal. All the surroundings go towards building up a healthy mind in a healthy body— a combination which makes life worth the living

LOG ROLLING IN THE WOODS.

BRINGING IN THE GAME AFTER A HARD DAY AT MERRYTIME HUNTING CLUB, ROSSEAU, ONT.

A Fine Hunt of the Merrytime Hunting Club.

BY ONE OF THEM.

THERE is always a good hunt for the members of the Merrytime Hunting Club, and that of 1907 was no less successful than its many predecessors. To begin with, the Club has a fine hunting territory in the Highlands of Ontario and the arrangements at the Club House and throughout the district are about perfect. The evening of October thirty-first last year saw a good company assembled at the Monteith House, Rosseau, Muskoka, which most readers know is one of the most delightful parts of the abundantly favored Province of Ontario. The gentlemen included E. Petticord, R. Morgan, H. J. Friedrichs, R. E. Schubert and George and Arthur Monteith.

A double team with a three seated spring wagon and a single horse and buggy were found necessary to convey us and our belongings from Monteith House to the hunting cabin. It was a beautiful, clear, cold night but being well wrapped up we enjoyed the nine mile drive. On arrival at the cabin we found Fred Draycott, known amongst us as "Salvator," awaiting us. He took charge of our horses and ushered us into the cabin. Refreshments, consisting of good hot coffee and club sandwiches, which the chef and his assistant had prepared, were served and, after our long, cold drive proved most acceptable.

The camp is beyond the settlements. It is situated on an elevation overlooking Draycott's Lake in a deep forest of virgin pine and hemlock, interspersed throughout with occasional small lakes and beaver meadows. The area of the club's territory is about six thousand acres and about twenty-five miles of trails from the camp to different runways and points have been cut out. All the trails are blazed, and an occasional three notches are shown in the blaze on the side next the cabin. All these trails are well selected and nicely cleared out. There is therefore no inconvenience either in travelling to the runways or re-

MERRYTIME HUNTING CAMP, DRAYCOTT'S LAKE, ROSSEAU, ONT.

turning with the deer when one has been successful in shooting one.

As might be expected from its position in the woods, the cabin is built entirely of logs with the bark on, all corners being dove-tailed and well chinked with mortar. As a result the place is cozy and comfortable at all times. The size of the building is 18x36 and is divided into two large rooms down stairs, one being the dining room and the other a sitting room. Upstairs there are eight good sized bed rooms, all furnished with spring beds, mattresses, pillows, sheets, blankets, spreads &c. At the rear of the main cabin is a large kitchen and leading from it is a bedroom for the chef and his assistant. Near the cabin is a farm house where the guides stay and a barn in which the dogs are kept.

Although it was near midnight when we retired the first night, we were awakened before daylight and were so eager for the hunt that not one grumble was heard. All answered the first call for breakfast, at which meal we had real cream, bacon and eggs, lamb chops, with French fried potatoes, hot rolls and toast, and coffee. By seven o'clock we had all finished breakfast and were hurrying out to our runways.

It was not long before there was business doing. Arthur Monteith saw a deer chased by the dogs but it was too far off for him to risk a shot, Shortly afterwards another one came along and this he managed to secure.

George Monteith had not the same good luck as his brother. He saw a big buck which was too far away for him to risk a shot, and which the dogs ran across the North Cardwell Road. Later on he saw the dogs running two others, making five deer in all started by them on the first hunt.

The deer shot by Arthur Monteith was taken to the cabin and we then hunted to the south for the remainder of the morning, seeing one down by Wilson's but failing to get a shot at the same.

After luncheon we hunted to the northeast of the cabin, placing one man

BRINGING HOME THE BUCK ACROSS THE ICE. MERRYTIME HUNTING CLUB, ROSSEAU, ONT.

on the blazed trail on burnt rocks and others on the Manitoba trail. During the afternoon we had some splendid runs. Friederichs shot a fine doe, Morgan a nice yearling and Fred Draycott a two year old buck. We carried them all to the cabin and considered our "bag" of four for the first day an exceedingly good one.

Our long day's hunt, which gave us much personal exertion in the open, prepared us for the excellent dinner the chef gave us and it is but a poor expression to say that we did full justice to it. While our appetites were of the best the meal was most tastefully prepared and excellently served. In the evening we fought our battles over again and enjoyed them all the more from the contributions made by those who had seen the performances from different points of view. Although our conversation took some most interesting turns we were all ready to retire early. Sound sleep attended upon us and none could believe how quickly the time had flown when we were called at six o'clock in the morning.

Although we got up, breakfasted and prepared for the hunt a heavy downpour kept us in camp all the morning. The rain continuing after lunch we decided, as the next day was Sunday, to take a walk. Accordingly Geo. Monteith and Fred Draycott went south of the cabin but did not see any game. Arthur Monteith, Schubert, and Petticord walked on the blazed trail over Buck Hill and the Burnt rocks, west on a new trail around Concession Lake, on the Manitoba meadow opposite Diamond Lake and then in on the Manitoba trail to the cabin. They had a splendid tramp through some of the finest standing timber in Muskoka and saw a great many signs of deer.

When near the cabin two deer were sighted on a hill. Although it was just about dark an excellent shot brought

EARLY BREAKFAST. MERRYTIME HUNTING CLUB, ROSSEAU, ONT.

one down but the other got away. The dead deer was carried to camp and made a fine addition to the number already secured.

Saturday evening was a festive occasion and though hunting incidents had been few that day we still found a great deal to talk about. However we were ready for bed at an early hour though we meant to have a late breakfast and indulge ourselves a little on Sunday morning. Our breakfast hour was not till ten o'clock and at noon Mr. W. T. Pember, of Toronto, turned up, having driven in from Maple Lake. The day was cold with light snow flurries.

Monday was fine though clear and cold and we had an excellent hunt south of Diamond Lake. During the morning we had two splendid runs, though the deer managed to slip through between us and no one had a shot. George Monteith and Friederichs each saw one but not near enough to risk a shot.

Lunch was partaken of at Manitoba meadows, and the dogs were put out north of Diamond Lake but failed to start. We crossed north on the Burnt rocks south of Two Bay Lake. Here we had a splendid run but the deer circled and got away to the north. That day was a blank and we decided the reason to be that the deer had changed some of their runways from the previous year.

On Tuesday we hunted around Conroy's bush and had three splendid runs. Both George Monteith and Petticord wounded deer very badly but despite all our efforts each animal got away.

As we expected some new arrivals we returned to the cabin for lunch and found them awaiting us. The party included Walter Nicholls, of Toronto; the Rev. S. Daw and Dr. H. S. Griffin, of Hamilton, and Bert Monteith. During his stay amongst us the Rev. S. Daw was christened Father, and enacted the part to the pleasure and advantage of all of us. He proved himself in every way a real good fellow and also a good hunter.

In the afternoon we took our new

comrades around Big Buck Hill on the North burn. While we had several splendid runs we only shot one nice buck.

On the following morning we hunted north of Buck hill, and Mr. Nicholls shot a large doe at what we called the Pot Hole. One of the guides shot two small bucks.

There was quite a succession of brilliant misses; Morgan shot at two; Friederichs, two, and Father Daw one—all registering misses. To make up for these Mr. Nicholls shot a nice red fox and we started a bear near the Manitoba meadows. His Bearship however desired none of our acquaintance and remained so shy that though we pressed him several times we could not obtain a shot at him.

Thursday was quite stormy but we had a good hunt notwithstanding. A number of deer were started but all went away to the north, where we had not sufficient men stationed to prevent them from passing and they all got away.

Several splendid runs were had in the afternoon and Petticord shot a two hundred and forty pound buck on the hill above the Manitoba dam. Friedrichs had four shots at the same deer but missed it each time. We found that big buck no light load when we trailed him into camp that night.

There was some good hunting on Friday. In the morning we ran several deer out by Evans'. Morgan shot a fine doe and ran another into the lake near the cabin. The chef and his assistant had several shots at it but the deer got away, the boy being too anxious and frightening it away to the opposite shore.

The hunt in the afternoon was in Conroy's Bush north of the cabin. Bert Monteith shot a small doe at the Beaver Meadow runway. We also started two bears and while one crossed to the Pot Hole the other remained in the bush. We were unable to get in a good shot or we would have had their pelts.

Father Daw had several shots at a deer and missing each time remarked how extremely annoying it was to fail at good chances. It was also difficult to find suitable words in which to properly express his disappointment at such untoward results. On arriving at the cabin however he donated twenty-five cents to charity.

On Saturday we hunted around Buck's Hill and had quite a number of good runs. Schubert killed a nice large doe and wounded another. We had a lot of fun out of his description of his adventure. He remarked, "You know I went up to the top of the knoll and looked down into the valley where I had heard a noise. I looked again when there was two deer all alone. I shot him in the feet and knocked him down. One got away all bleeding everywhere. I run after him but can't catch him." The pitfalls of the English language were too much for him in his excitement. We saw some fresh bear signs, but were unable to find the animal.

Comings and goings marked our sec ond Sunday in camp. Arthur Monteith and Fred Dean arrived, and Father Daw, Dr. Griffin, Mr. Zimmerman and Bert Monteith left to catch the steamer calling at the landing next morning.

North of Buck Hill was the hunting ground on Monday, and while we had no luck at all in the morning, Schubert shot a nice buck near Two Bay Lake in the afternoon. The hunter was nearly lost but was found by Fred Draycott who helped him to carry out his buck. That night at the cabin we had quite a celebration over Schubert's success.

We saw many fresh signs of deer when hunting on the north side of the blazed trail and after stationing the men, succeeded in getting a run without anyone seeing the deer, although it ran very close to two of the hunters. Friederichs obtained two shots at a fine big buck but did not register a hit and the animal turned and ran back over the hill. We learned afterwards that this buck was shot by John Scott at the Snider Dam, and that he proved a fine big fellow weighing over two hundred pounds.

Another fine buck was started at the northeast corner of Diamond Lake. The animal ran around the south shore and up over Diamond Mountain. Arthur Monteith had a good sight of him quite close but was unable to get a shot. Schubert also saw him but was too far away for a shot.

George Monteith was successful in bring down a large doe and some stranger shot another one in front of the dogs. We also ran two or three other deer but did not get any of them.

All the hunters, except Dean and George Monteith, left the cabin the same afternoon for Rosseau, the calls of business being imperative and leaving them no further chance of lingering in the woods as one and all would very much have liked to have done. They took out their game and were in high spirits at their successes, looking forward with strong hopes of future successes in the same territory.

Notwithstanding our diminished numbers we continued the hunt and on Wednesday, the two hunters who were left, accompanied by the Chef, went carefully through a small piece of brush near Evans'. No less than six deer were started and though George Monteith badly wounded one it succeeded in getting away. This hunt was not distinguished for markmanship, Fred Dean putting in two shots and the chef four without registering a single hit.

At noon our numbers were reinforced by the arrival of Arthur Monteith and John Tunny and in the afternoon we hunted south of the cabin. Two splendid runs were recorded without any result following. Later on we ran two more deer out of another bush and Fred Dean had two more shots but missed. Three or four inches of snow fell and the wind blew a gale.

More snow fell during the night and it was very cold in the morning. We started out across the blazed trail and had most of the dogs on the chain. A small black spaniel called "Barney" got on a fresh track and we could not induce him to abandon it. Although we scattered to the runways no one caught sight of either deer or dog and the latter ran out of hearing. We scattered wider still and were just giving up when Arthur Monteith shouted that our faithful dog was returning. Presently we saw a deer ahead of the dog and as Dean had never shot a deer he was given the preference in shooting. He managed to drop him but the animal struggled up and was prevented from escaping by the dogs. When down again Dean was told to straddle him which he did. Soon afterwards it seemed to dawn upon him that something was amiss and it was funny to see how quickly he moved off his perch.

After hanging the buck to a convenient sapling we had a run south of Diamond Lake. Two deer were run close to Lorn Campbell but he did not see either of them. Later on the spaniels brought out a fine buck and Jack Tunny shot it. By the time we got the two bucks to the cabin we were good and tired and also hungry.

On Friday we started out early and saw several deer tracks. A number of deer were started and the chef had a shot at one but was not successful. Later on the dogs started quite a number and chased them in all directions but without giving us a shot. Two further good runs were made but the deer kept out of range. Fred Dean shot a very large buck which might have got away had it not fallen through the ice which enabled us to come up and finish it. The deer was a beauty with a fine set of horns.

Arthur Monteith was recalled in consequence of his brother's illness and this broke up the hunt. With the exception of the chef and his assistant, who remained to close up the cabin, we drove into Rosseau that evening and left next day for our several destinations.

An inventory of our game showed that we had shot seventeen deer, twenty-eight partridge and one fox, not a bad record for one camp.

The game was quite plentiful, our dogs splendid hunters, and while the sport was good, the accommodation and board at the Club House was of the best. Indeed not one of us made a kick all through and we had no need to do so. On the contrary we are all looking forward to the fall of 1908 when we hope to be included in the fortunate ones who will participate in the hunts of the famous Merrytime Hunting Club.

The Motor Boat on Canadian Exploration Trips.

BY EXPLORER.

AFTER a full canvassing of various suggested plans, the writer and a friend, in June of last year, decided on a trip to the far north. It was not the first time we had been in the woods and consequently we had a good idea of our requirements and saw to it that we had a full supply. To Haileybury, Ont., we made our way by rail through Toronto and North Bay, and from Haileybury, by steamer across Lake Temiskaming to North Temiskaming, Que. From that point we made the overland trail to Klock's Farm on Lake Quinze. Here we purchased a primitive skiff made of three-quarter inch lumber and weighing three hundred and seventy-five pounds. In this primitive craft we journeyed through lake and river to the Height of Land on the route to James Bay. The mosquitoes were so troublesome that we decided to return home and wait until these pests had deserted the field. We likewise decided that next time we would have a more speedy and much lighter craft.

Accordingly, during the intervening weeks we continued our preparations for a further trip. Noticing in "Rod and Gun" an advertisement by the Waterman Marine Motor Company of Detroit, Mich. we ordered one of their motors, placing it in a sixteen foot steel skiff which we had purchased at the same place. Early September found us again at Haileybury with our purchases. Here we put the boat into the water and tried to start our motor. In this we found some difficulty and my friend, who is a warden of his church appeared, from the wild look in his eyes, to be thinking profane things though he refrained from giving them utterance. After losing and finding the starting crank we finally got off and made a pleasant and easy voyage to North Temiskaming, a distance of fourteen miles. Our motor gave us no further trouble once we had started and the trip was most enjoyable and successful. From North Temiskaming we had the boat and motor portaged across to Quinze Lake and there took to the water again.

Four of us embarked in the boat here with some baggage and we towed a loaded canoe up the lakes and rivers to the Height of Land. Here we left our motor while we made a trip of thirty miles farther north. We should have liked to have taken our motor farther but we had only sufficient gasoline to cover our return journey and wished to use it for that purpose.

On our return we left the Height of Land at two o'clock in the afternoon and camped that night twenty-seven miles on our journey. I think I am right in saying that this was the first steel boat and the first motor ever seen on these northern waters. Experience demonstrated the fact that our outfit was admirable for the purposes of such a trip. The boat is light weighing only one hundred and eighty pounds and therefore easily portaged. The motor is also light, weighing but forty pounds and can easily and quickly be attached and detached from the boat, requiring the removal only of three set screws.

As one result of the trip the writer has had numerous enquiries regarding boat and motor and can speak in the highest terms of both. The boat behaved splendidly all through and we had no difficulty whatever with the motor except in the way of starting. However we mean to have our accessories in duplicate next time and believe by such a method all difficulties and accidents may be guarded against if not avoided.

We think very highly of the motor and considered that on this one trip it saved us its entire cost, while as far as we can see, it is just as good as when we bought it. Both boat and motor were novelties to the Indians of that region and created considerable interest among them as well as inquiries on the part of any white explorers and prospectors we encountered.

It was Sunday afternoon on a perfect September day with the water as smooth

as glass when we left the Height of Land. It was new on such a journey for us to be able to stretch ourselves at full length in the bottom of the skiff with one tent for seats and another for the backs, with nothing to do but smoke and admire the scenery, and such scenery ! the motor carrying us along at the rate of seven or eight miles an hour. Such a delightful experience does not come often in a life time. I never had such a fine boat ride before and do not expect to have another under just such like conditions.

One thing however we were unanimous upon—to take another trip the present summer with our motor. We would all advise those contemplating a boating trip of any kind, but particularly one on the northern waters, to communicate with the Waterman Marine Company, Detroit, Mich and secure one of their Outboard or Porto motors. The enhanced enjoyment of the trip will a great deal more than repay any increased cost. We are sure that in this particular all who follow our advice will find their experience agreeing with ours.

My Experiences in Shotguns.

A Successful Fox Hunt.

BY G. B. SMITH.

A great many sportsman are interested in shot guns, smokeless powder, how to load guns so as to obtain the best results, the best kind of waddings to use, and also in shells.

There must be numbers who do not appreciate the splendid results that can be obtained by the use of the right kind of ammunition. They purchase their supplies from the dealers and make their way to the shooting grounds whether they have the right or the wrong load for their guns. When they obtain poor results, instead of blaming themselves they throw the burden on the guns or the cartridges.

It is true that most dealers throughout the country stock only standard grades of loaded shells. The hunter, however, may easily, unless he is careful, get a bear load to shoot small birds, or a bird load to shoot big game. If orders are placed with an experienced man or a reliable dealer, and they are told for what purpose the ammunition is required, no difficulty need be feared.

Smokeless power is used today the world over. It must be remembered that it differs widely in its peculiarities. The wads and pressure found suitable for one kind does not suit another kind. There are times when the hunter wishes to have an extra close load at long range and others when he requires a scattering load at close quarters.

The general loaded shell is for open shooting. A load with hard wads would open the pattern while soft wads would hold it much closer and penetration is the same. Fully as much lies in the loading as in a full choke gun. For instance a medium charge, say three drams, high velocity smokeless powders such as now used, a shell should be three inches long with quick primers, together with greased felt wads to obtain good results.

When a man goes fox or duck hunting he reqires a heavy load. The majority use a standard bought two and three-quarters or even two and five-eighths shell. Now let us say frankly that a heavy load in a short shell will not kill as far on an average as a lighter load and leads to a waste of ammunition. The reason is that heavy loads used in shot shells cause great recoil, and startle the game, causing the hunter to wonder at his heavy proportion of misses where the smaller load keeps the pattern together and kills at longer range.

A heavy load requires long shells and a gun chambered to receive them. The

shortest shell that should be used is three inches and three and a quarter inches would be better. The secret of success lies in a long shell where plenty of thick wads can be placed between powder and shot, reducing the recoil and giving the maximum of penetration, and holding pattern together.

For years I used a short shell and with black powder it was not so bad. With the high power smokeless powder I could not get good results in short shells with heavy loads. Smokeless powder requires strong primers and only with such primers behind them can good results be obtained. Shells with weak primers have little force. The charge is partly shifted and leaves the gun barrel before half the powder is consumed with the result of varying the velocity, the shot striking the object after the gun is taken from the shoulder. With such shells light or heavy loads make very little difference. A strong primer is the foundation of a good shell. With a strong primer, a good combination of wads and plenty of them, with different lengths of shells in accordance with the game hunted, results should be obtained.

Powders vary largely and the wads and pressure must be regulated accordingly. A sportsman may think if he has his gun chambered for a long shell it won't handle a short one for light loads. Just as good results are obtained with short shells providing they are loaded with ten guage wads instead of twelve guage or eleven guage. For all round shooting a strong primed shell no shorter than three inches should be used. If heavy loads are used in even a three inch shell some wild firing may result.

I have had many years' experience in testing shotguns, powders, combinations of wads etc., which have taught me much and I may say something later about the loads, powders and wads I use as results of a long and varied experience. I hope this matter of shotguns may be taken up by others as I believe there are many interested in the various questions to which the use of shotguns give rise.

To vary the subject and perhaps induce a wider interest I may add a few lines as to my winter's fox hunts. I went out on half a score of occasions, killed eight foxes and some partridges and rabbits. On two occasions I killed two foxes and the first of these incidents occurred on a day which I consider to have marked the greatest hunt I ever enjoyed.

I left home one morning with two full bred fox hounds and after travelling five miles returned home by another route without finding a single trace of Reynard. On a second attempt nearing home one of the dogs took up a track and followed without giving tongue. I concluded that I would follow as well and did so being led back to within half a mile of where I had passed in the morning. The second dog remained with me, this animal only following fresh tracks. Finally we landed at a large swamp and my dog went in and made a noise which convinced me that he was on a rabbit track. Finally I heard the other dog and soon afterwards Mr. Fox came out and headed across for another swamp. I took a chance on a long distance shot and my eight and a half pound Ithaca double barrel hammerless and three and a quarter inch Winchester leader shell did the business. The distance as I afterwards measured it, was seventy-seven yards.

Slinging my fox over my shoulder I entered the swamp to call the other dog off the rabbits and dig for home. In my efforts to get him out I entered some willow thickets and got stuck on ice and water. While I was endeavouring to locate a place where I could cross, and both dogs were near me, I caught sight of a second fox about fifty yards away and going for all he was worth. I dropped my fox, put up my gun, and speedily made a second capture. Evidently the fox had been chased by the one dog for at least half an hour, before the second dog started the first fox. They proved to be two of the largest and prettiest matched foxes I ever killed. I had six miles to tramp home and a pretty heavy load to carry. The total walk that day was sixteen miles. All however seemed easy after I had killed the foxes—two of them in less than five minutes !

Taming Wild Ducks.

ONE of the interesting sights of the town of Whitby, Ont. is a flock of wild ducks possessed by Mr. George K. Thompson. The flock was commenced by gathering some wild duck eggs in the marsh and setting them under a hen. The ducklings behaved themselves with due propriety until fall when they betrayed considerable restlessness and in all probability would have flown away south had they not been confined within a wire cage all winter.

These ducks will sleep at night out in the snow if it is not blowing and they do not need water where they can reach snow. They do not like soft food of any kind and much prefer corn, wheat, etc. If attention is given to them they speedily become tame, and will eat out of their protector's hands, though if neglected they soon become wild.

In the Spring Mr. Thompson cuts one wing and allows them the full range of his poultry yard. He has put in a cement basin and they pass half their time in swimming around it. They begin mating about the middle of January and if allowed to run together one drake will take two or three ducks and this party will stick together. They build their own nests and commence to lay about the first of May. (In the present year they started on March 28th.) These wild ducks will lay from twelve to fifteen eggs and if robbed each day will lay from twenty-five to thirty. When they become broody twelve eggs are given back to each duck. Every time the duck leaves the nest, which is nicely lined with feathers, she covers up the eggs. During the incubating process, which takes about twenty-four days, the ducks are very cross and if at all bothered will fight fiercely. If kept in a dry place the ducklings are easily raised. They need only enough water to drink and are fed on grain of any kind. They grow very fast if they have access to green food.

Mr. Thompson has been breeding these fine ducks for years and find that the young ones always become restless and would leave in the spring and fall if not restrained.

In using them as decoys one needs only to watch them to tell what is happening. If a hawk comes they lower themselves in the water and try to hide; if ducks come they manifest their pleasure by quacking and try to see them better.

ADDISON H. THOMPSON, WHITBY, ONT., AND A FEW OF HIS WILD BLACK DUCKS.

In the fall Mr. Thompson cuts one wing and allows them to run with domestic poultry all winter. That probably accounts for them laying so early in the spring.

These wild ducks moult about the same as domestic fowl but the process is faster. When one feather drops there is another about half way out. When the wing feathers go they hide away until they have their wings again.

Our illustration shows Mr. Thompson's little son Addison with a few of his wild black ducks, and every one who sees him and hears of these experiments takes an interest in both the youngster and his unusual flock.

THE CANADIAN NORTHERN EXHIBITION AT THE TORONTO SPORTSMEN'S SHOW.

The Future of the Sportsmen's Shows in Canada.

FOR those who could not go to either of the Sportsmen's shows at Toronto and Montreal, this spring, several features of them are worthy of attention.

Nothing like a Sportmen's Show has been held in Toronto before, and it may be said that a new epoch in the sporting life of Canada, has been inaugurated by that event.

The fishing and hunting interests of Ontario, and of Canada generally, are, in the opinion of many people too important to be accepted merely as the appendage of a magnificent display of automobiles and motor boats, and it will be interesting to see whether the railways will allow the motor people always to set the pace for them.

The game interests of Ontario, for example, are becoming so valuable and the scope for game protection is so enormously important to the whole country, that an exclusively Sportsmen's Exhibition has already been talked of. What might be done in this direction was suggested by the entirely new distinction of the Toronto and Montreal Shows.

MR. ARTHUR HAWKES
Superintendent of the Department of Publicity and Industry, Canadian Northern Railway.

For the first time in its history the Canadian Northern Railway was represented at an exhibition. It was fitting, of course, that a start should be made in Toronto, the headquarters of the six railways, in six provinces, which though they are at present separated one from the other and are subject to various differentiations in management, are part of a system which will operate as a whole when the various links are connected up.

The Canadian Northern Railway exhibit was unique in other respects. For instance, it drew from the Lieutenant Governor of Ontario Sir Mortimer Clark, a special commendation ; and even the friendly rivals of the youngest of Canadian Railways, admitted that it was entitled to all the praise that it received.

In a general way, of course, most Canadians know that the Canadian Northern has grown very rapidly from nothing into an important system of transportation; but not many realize how large a share it has had in the developement of modern Canada. That is because the men who have made the railway have done so much building that they have taken very little time to talk about it.

Before the next hunting season begins the railways that are associated in the Canadian Northern system will have over four thousand eight hundred miles of line in operation. The first train on a Canadian Northern railway was run a few days before Christmas, 1896, so that the growth of the system has been, roughly, at the rate of over a mile a day for eleven years.

No one should have been surprised that the Canadian Northern Railway put up a remarkably good exhibition for its first venture in the Show business ; but

nearly everybody who saw it, was surprised.

"I was not the least astonished of the visitors to the Toronto Sportsmen's Show" writes a representative of "Rod and Gun." "When I talked with Mr. C. Price Green, Passenger Agent in Toronto, who staged the exhibit, and who was in charge generally, that popular official disclaimed having done anything remarkable in making a fine display with the material at his disposal, and referred me to Mr. Hawkes, who, he said could tell me all about it.

"Now I had neither heard of nor seen Mr. Hawkes ; and on going to look for him at the head office of the Company, I wondered what manner of man he would be, through whom the Canadian Northern had made such an effective debut in the exhibition world. I found a gentlemen, with as little of the showman about him as one could imagine, and willing to talk in a matter of fact way about the success of the St. Lawrence Arena.

I asked him why he had not caused more talk about it before the Show began.

He replied "In the advertising business there is a time to hold your tongue, as well as a time to shout. Unless you are running a show yourself, the time to be quiet is when you are waiting to have your quality proved. Stars are not proclaimed before they shine. Suppose we had informed a waiting world that we were going to have the best display of trophies that had ever been assembled in Canada, do you suppose that a single person would have come to the exhibition on that occount ? The public would expect us to be very much behind our friends who have been for many years in the business. It happened that the first intimation the public had that the Canadian Northern had something really worth seeing was the handsome and unexpected recognition of Governor Clark. The exhibit was there to speak for itself and then everybody who saw spoke for it too."

"But," I said, rather tickled at this curious blend of modesty and publicity, "now that the show is over, it is another story ?"

"Yes," said Mr. Hawkes, "perhaps another story. It looks as though we have made a reputation that we shall have to work hard to live up to" and he pointed to a stack of letters complimentary allusions to the display. There is no time to think we have done anything extraordinary, and we shan't weary our friends by everlastingly talking about what is past and gone."

"Did it take long to get the exhibition together ?" I asked.

"Oh ! no," said Mr. Hawkes "a few weeks only and we had a great deal more material available than we used."

"Why," said I, "one would have supposed you scoured the whole of Canada, for the collection."

"No indeed, the whole business was really very simple. You see we have hunting country from which to draw. It has not been hunted to death. Our people have been so busy handling the produce of the soil that the trophies of the chase have been hitherto a minor consideration. Important as it may be to develope sporting traffic, it is only a small side line compared with the handling of wheat and iron and the myriad things that pertain thereto."

"Take what we call the Superior Divide —between Port Arthur and Lake of the Woods—though the Rainy River is twelve hundred miles from Toronto, it is in the Province of Ontario. Here is a letter from Mr. William Phair, of Fort Frances on the Rainy Lake. He has lived there over thirty years and says he would call the whole country 'The Big Game Valley.' Mr. Sloan who knows that territory thoroughly, has seen as many as twenty moose in a day—this, of course, is the fly time, when the moose seek the water. Here is a letter from Mr. MacDougall, of Port Arthur, written six weeks ago, saying that he had killed five wolves already this winter and suggesting that we organize wolf hunts for next season. You see we are only at the beginning of things."

"So I see," said I, "and what about fishing and water work, generally ?"

"The trout we have shown weighed up to twenty-six and twenty-eight pounds. They were caught by Mr. A. C. Tripp, in what, for lack of any other comparison, we must call the Turtle Waters, north of

Atikokan and Banning. Look over this map of the Superior Divide. The dotted line shows the old Dawson canoe route to the Plains. Instead of turning southwest from Lac des Mille Lacs, you can portage across to the waters of the Seine River and still find your way to Rainy Lake and the river which divides Ontario from Minnesota, and empties into the Lake of the Woods. The Indians call this whole country "Ka-Wa-Shag-im-ick" which means beautiful transparent waters."

"Now all this country has been a great game preserve from time immemorial It is a great deal more. Twenty-five miles from Port Arthur the railway passes Kakabeka Falls, higher than Niagara, from which is developed the electricity that lights and runs Fort William. A few miles further on are the Mattawin iron mines, which begin shipping this Spring. Still further is the Atikokan iron range, which has produced a smelter at Port Arthur. At Fort Frances and Rainy River are some of the finest lumber mills in Canada ; and the valley of the Rainy River is a tract of magnificent agricultural land."

"So I see there is a combination of business and sport up in that country."

"Quite so, and the combination will be even more interesting almost immediately. This summer there will run a new train service from Duluth to Winnipeg, the junction point between the Canadian Northern and the Duluth, Rainy Lake and Winnipeg railways. American summerers and sportsmen are coming north all the time, and it will not be long before the Superior Divide will be an extremely popular resort for the city people of the middle western states."

"Already Americans are building summer cottages on the Lake of the Woods, and I can take you to a hunting lodge, twenty-five miles from the Canadian Northern Railway, where some wealthy people from across the border are breeding silver foxes, and where they go for fishing and rustication generally. As you will see from the catalogue of our exhibit, a considerable portion of our trophies came from this territory."

"That catalogue of exhibits, by the way, was something new in a Sportman's Show, was it not ?"

"Yes, I believe it was, and the interest taken in it more than repaid us for the trouble of compiling it. Of course, it might have been better ; but for a first effort, it was not so bad. I hope we have not exhausted our capacity to interest the public. Perhaps by the time the next Sportsman's Show comes round, we may think of something new. Interest in sportsmanship is not confined to those who carry rod and gun. The public acquaintanceship with the wild life of the woods is becomming more extensive every year. The number of ladies who were observed to be closely examining our trophies with the aid of the catalogue, was very large. I am sure that kind of interest could be extended to school children, to the general advantages of Canada. More and more we are getting back to Nature ; and the more we can spread knowledge of the denizens of the woods and their habits, the more shall we cause our own people to travel in our own country, and learn its fascinating secrets."

"Did you notice a small exhibit of iron and other ores, which we call the 'hunter's side line ?' 'Hunt for a Moose and find an Iron Mine' My friend Mr. J. B. Tyrrell, to whom we were indebted for some of the most valuable features of the exhibit—the Lieut.-Governor of Ontario, you know, called special attention to his Hudson Bay canoe, which we had procured—is very keen on the potential value to the country of the exploration of the woods, by which alone can we ascertain the mineral wealth of the north rocky country. The old way of taking possession of a country, was to start out with guns and shoot the human inhabitants thereof. In a more casual way we can subdue what looks like an unpromising part of the earth by roaming over it with a sportsman's rifle."

"But you must not imagine that the only sport we can offer you, is in the mineralised section of Ontario," Mr. Hawkes went on. "The western farmer in many districts has first class game preserves of his own. Look at this batch of photographs, that illustrate my meaning. Here are the results of a day's duck shooting near Scarth, on our new

line from Brandon to Regina. There are pictures of similar sport between Saskatoon and Prince Albert. This is a photograph of a newly slain elk in the Riding Mountains, not far from the slope which, as many competent judges have declared, is the finest piece of farming country in the whole of America. That is a bear caught in a trap a few miles from Prince Albert ; and here are the pictures of the hunt at Winnipegosis, which brought us one of the finest moose heads in the Exhibition. As for the country beyond the existing wheat belt, well it is a story by itself."

"What about the country nearer home" I asked, "you did not feature it so much as the more distant territory."

"No we didn't" was the reply, "because the country nearer home is known either by experience or by reputation, to sportsmen at home. You know, we ran a special train from Parry Sound as far north as Still River, last fall, and so made easily accessible, for the first time, a great deer hunting territory. For this summer, of course, the railway will open as far as Moose Mountain, thirty miles north of Sudbury, so that for next fall, this whole region will be open to the hunter. We are thinking of the man who gets ahead of the crowd and pioneers the way for the more sedate summerer, who waits for accomodation to improve."

"Neither did we say very much at the Toronto Show about the fishing and hunting riches of Quebec and Nova Scotia. We have so much material, and so much territory, that we thought Montreal was the more suitable place for dealing with the eastern sporting possibilities.

"Except New Brunswick, it happens that our railways traverse or approach the best sporting country in Eastern Canada. This summer the branch from the main line of the Quebec and Lake St. John to Lachute touches the preserve near St. Maurice River which is controlled by that railway. The Lake St. John region has been famous for many years as the home ouananiche. This summer, of course, the great event for all Canada is the celebration of the Tercentenary of Quebec, and, though I could talk a good deal about the interest of historical pageantry I won't, just now."

"But what about Nova Scotia?" I asked, "I did not know that the Canadian Northern was operating down there."

"Ah!" said Mr. Hawkes, "you see we are such a modest people ; the fault is really ours that the Halifax and Southwestern railway is not known to you. From no point of view has Nova Scotia been justly appreciated. It is the simplest truth to say that her ocean shore is the loveliest coast in America and has the most delightful summer climate. I used to be attracted to it as a child, when I knew nothing about it except what was on the map. I wondered how many miles you would have to walk, if you kept along the water's edge from Guysborough to Yarmouth. I do not yet know how far it is. My interest has been narrowed down to the shore from Halifax to Yarmouth. The Halifax and Southwestern Railway, which connects these two towns, is two hundred and forty-eight miles long, and a trip over it gives you a wonderful panorama of landscape, bayscape and oceanscape. When I was last in Halifax, a Government official, at considerable labour, satisfied me that there is seven hundred and one miles of coast line between Halifax and Yarmouth. There is nothing like it in any other country that I have ever heard of. Everything you want for recreation is there. The boundless Atlantic, the rugged cliffs that menace ships in winter ; the sweeping bay ; the multitudinous islands ; the gentle tide, lapping the protected sward; the fish that come in shore ; the background of hills, subdivided by purling trout streams, and backed by deep recesses in which moose and bear abound; and everywhere a people hospitable, ingenuous and capable of great things, as all people are who have for long generations been removed from the busier currents of the world. To see Nova Scotia under a summer sky is to be in love with it, and I should be very much surprised if, before very long, it is not one of the most frequented sections of Canada."

I have given exactly what he said. Now that it has started, it looks as though the Canadian Northern knows how to talk as well as to build and exhibit.

A Fine Athletic Performance.

THE encouragement of legitimate sport is always praise-worthy and next to regularly constituted clubs perhaps no better way of advancing the cause can be found than when the initiative is taken by business men and the scheme developed amongst their own employees.

The McClary Manufacturing Company, Head Office, London, Ont., give an annual ten mile road race, and Good Friday morning of each year is a red letter day in London sporting circles.

This year particular interest was attached to the event owing to a decision to run the contestants over a circuitous route and in different directions. The purpose of this innovation was a desire to overcome that spirit of quitting which besets a runner when he sees the others far ahead of him. On the "divided" plan one half of the contestants were unaware of the doings of the other half. Hence fighting enthusiasm amongst the runners was maintained to the end.

The race was a proof of what good training will do for a man who wants to contest in long and fatiguing trials of endurance. Arthur Kingsmill, the winner, made the ten miles in one hour and thirteen minutes. When he came in he was rather played out, but showed far better condition than the other runners.

The race was scheduled to start at ten-thirty, but did not get away until ten-forty.

The start was made from the Wellington Street Office of the McClary Manufacturing Company, going north and south, and then returning west and running to Byron Bridge and over it, and then back to the city and the starting point.

At exactly seven minutes to eleven Kingsmill arrived at the office from which he had started one hour and thirteen minutes before, and was the winner of the handsome trophy that had been presented by Col. Gartshore, and in five minutes Albert Jolly was declared the winner of the gold medal, and a few minutes more found James Tamlick the possessor of the silver medal, both of which had been presented by Col. Gartshore.

ARTHUR KINGSMILL.

Who Won the McClary Ten Mile Race at London, Ont., in One Hour and Thirteen Minutes.

The committee in charge were; J.K.H. Pope, John Walton, Geo. Neilson, J. Walcott, G. Tripp, W. Hayden and C. Crossby.

In the British House of Lords a bill prohibiting the importation of plumage has been introduced by Lord Avebury better known as Sir John Lubbock, the distinguished naturalist.) The measure is framed on similar lines to one already in force in New York state. In a memorandum attached to the bill his Lordship says that unless the British parliament follows the example of the New York Legislature the extinction of the most beautiful species of bird life is only a question of time.

Ontario, Forest, Fish and Game Protective Association.

In the latter part of April the Secretary (Mr. A. Kelly Evans,) visited New Brunswick upon the invitation of the Association of that Province and addressed meetings at Fredericton, St. John and Moncton. At the capital he also addressed the members of the Legislature and on each occasion created such an impression that the cause has undoubtedly received a great impetus throughout the Province as a result.

At St. John, the meeting was also addressed by Mr. J. Fraser Gregory, who spoke as a lumberman and advocated the adoption in New Brunswick of the policy recently pursued in Ontario by placing the word "Forest" as the first in the title. He attributed forest fires to farmers clearing their land, stating that lumbermen knew too well the devastation caused by such fires not to use every precaution against them. He urged that in season and out of season the farmers should be warned against the dangers of allowing fires to start He thought the Province would have to pass similar forestry laws to those of Quebec and advocated the prohibition of the exportation of pulpwood in order that they might have more pulp and paper mills in the Province.

Mr. Evans described the lamentable condition into which fish and game protection in Ontario had fallen when he took up the work. This condition was due to the apathy of the great body of the people and the selfish interest of an unscrupulous portion of the population on the other. He described Protective Associations as democratic and educative—democratic because open to the whole people and desiring to obtain their members from all classes of the people, and educative because they realize that no matter how excellent the laws on the Statute books they must have public sympathy on their side or a whole army of wardens could not enforce even excellent laws. The scheme was also patriotic inasmuch as the best use would be made under it of the country's natural resources. He described the wonderful change made by effective protection in the State of Maine and pointed to conditions in Europe where with great populations forestry still went on together with immense quantities of game being secured.

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At Moncton, Mr. J. T. Hawke, President of the Board of Trade, was in the chair. This gentlemen dwelt particularly upon the need for forestry protection and described the results of such protection which he had himself seen in Germany. He remarked jocularly that there did not seem so much need of game protection in Moncton as in the summer and fall, forest monarchs were in the habit of parading the streets, visiting the stores, jumping through windows and walking through the railway yards, made their way across the river. Mr. D. W. Clinch, the Secretary of the Provincial Association, gave an account of its history and said it was intended to place "Forest" as the first object of protection in the Association's title.

Mr. Evans, in the course of his address paid particular attention to fishing, advocating the restocking of salmon rivers and trout streams and the provision of fish hatcheries. There should be a non-resident rod tax even if only a nominal one, as such a tax was always popular. He said he was particularly struck with the intelligence shown by the licensed guides of the Province.

The Hon. C. W. Robinson said the people of the Province were just beginning to recognize the wonderful assets they possessed in forest, fish and game.

Several guides gave personal experiences and testified to the excellent effect of protection on both game and fish. The meetings throughout were highly successful.

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On the evening of May 8th, Mr. A. Kelly Evans addressed a full audience in Association Hall, Toronto. on the nece s

sity for more efficient protection of our forests, fish and game. He showed how interdependent these assets were one upon another and how necessary the protection of the whole were for each of them. He paid particular attention to food fish which so much concerns Toronto, and indeed the inhabitants of all Ontario towns, and said the interests of the public had been sold for about two hundred votes from fishermen. In Maine eight hatcheries were maintained with the money received from the fishermen and some was left over for school purposes. Mr. Evans spoke strongly againgt any proposals to introduce the Quebec system into Ontario. He described the "poor settler" of the north as the "two legged wolf" who was responsible for the distruction of moose and deer, and not the visiting sportsman. Mr. Evans recommended the erection of hatcheries for the Province, the selection of fish and game overseers for fitness and no other consideration and the prohibition of the export of food fish. By permission of Dr. Hornday the audience had the advantage of seeing the series of slides of pictures of Big Game in British Columbia thrown upon the screen. These photographs are unique and were only taken by Mr. Phillips, under great difficulties and after many failures.

During the visit of Mr. A. Kelly Evans, Secretary of the Ontario Forest, Fish and Game Protective Association, to Moncton, N. B. a branch of the New Brunswick, Fish, Forest and Game Protective Association was formed in that centre with the following list of officers :—

President—R. Clark ; Vice President —L. H. Higgins; Secretary-Treasurer—A. H. Lindsay ; Executive Committee—E. W. Givan, Hon. C. W. Robinson, A. C. Chapman, James Doyle, Dr White, Dr. L. H. Price, Dr. Somers, J. W. Y. Smith, A H. Newman, Hon. F. J. Sweeney, this executive may be increased.

At a recent meeting of the Parry Sound branch of the Ontario Forest, Fish and Game Protective Association the following officers were elected for the ensuing year:—

Honorary President — John Galna, M. P. P.

President—W. L. Haight.

Vice President—H. J. Complin.

Secretary-Treasurer—George Moore.

Executive Committee—Messrs Ireland, Macdonald, J. G. Johnston, Hives, and W. B. W. Armstrong.

On the fifteenth of last month Game Warden John H. Willmott of Beaumaris Ont., fined Thomas Sawyer and William L. Killeter, junior, twenty dollars each for allowing their hounds to run at large during the close season for deer.

"Guns and Gunning."

HAVING succeeded so well as manufacturers of arms and tools the J. Steven's Arms and Tool Company, of Chicopee Falls, Mass., have now joined the army of publishers and published a delightful book entitled "Guns and Gunning." The letterpress and sketches are the work of Mr. Bellmore H. Browne, a well known artist and Arctic explorer, and Mr. Dan Beard, whose writings must be known to many of our readers, has edited the work. The whole aim of the book is to give information upon outdoor life, to describe the joys of the wild, free untrammelled existence in the backwoods and the best means of making that life enjoyable. For this end the whole field is reviewed and it is not too much to say that with this book as a guide the novice need have no fear. The results of long and varied experiences are his, and although one's own personal experience must always count for a great deal much that is of value can be learnt from those who have previously covered the ground and gone through the ever varying life of the outdoors. The book consists of seven chapters and in the course of those seven chapters the whole essence of that life is to be found. Bird shooting is given

the pride of place and the first chapter, which is devoted to this fascinating sport, at once shows a master hand. Beach birds are reported as affording better sport on the Atlantic than on the Pacific coast but they are decreasing in numbers each year and the author believes the only way of saving them is to prohibit their sale and protect them during the Spring migration. "Every sportsman should limit his bag." Hunting with the rifle is a chapter covering a great deal of ground and the accounts of the execution done by a .22 calibre rifle makes very interesting reading. "The most distressing part of hunting is that occasionally a wounded animal escapes and dies a lingering death. The hunter should never allow an animal to die in this manner. I have seen an uneducated Indian travel mile after mile in pursuit of a wounded animal for no other reason than to end its sufferings. This crime happens less among real wilderness hunters than among sportsmen, and it should be carefully guarded against." A chapter is devoted to the shotgun which by reason of the extreme long range of the modern rifle has been relegated to the position of a small game arm. It is however described as a splendid wilderness arm, its only drawback being the weight of the ammunition. A description is given of the best methods of making one's own bullets for shotguns, which are accurate up to eighty yards when loaded with ball and will prove satisfactory in hunting big game. "Shooting with a shotgun differs from rifle shooting in certain particulars. Where rifle shooting is methodical calculation and precision, shotgun shooting is guess work and quickness." ... "The beginner must "paddle his own canoe" in learning to shoot. He must practise faithfully and trust in his own judgment as no one ever learned to shoot from reading books. One thing is absolutely essential for good shooting, and that is a gun which fits the gunner perfectly. Men are built on so many different patterns that one gun will not suit everyone." ..... "The man who has hunted exclusively with a shot gun finds it hard to change to a rifle. As a rule he "overshoots" at first as he forgets the rear sight, but at running game his knowledge of wing shooting comes to his aid." ..... "Nowadays, shells are so cheap and so much better than the average man can load that it does not pay to experiment. Shooting is a sport that offers untold pleasures to those who follow it, and as most of us seldom get a chance to hunt big game, the shotgun becomes our favorite arm. With a good dog and gun a man can wander off into the country and lose himself in the beauties of Nature ; worry drops from his shoulders and he is once more a boy. So long as there are trout streams and rolling hills where the grouse and quail hide, there will be men who love far more a day well spent with Nature, than money and the roar of cities." Wild-fowl and Upland Shooting are the titles of two chapters dealing with duck, goose, partridge and other bird shooting and both will be found of the deepest interest to the sportsman. With the majority of the writer's conclusions it is easy to agree and it is perfectly plain even to the most casual reader, that both these chapters are written by one who has had very full experience of the different shooting about which he writes. Mr. Browne believes that "with a few simple laws well enforced we should have an unlimited amount of birds for years to come. Outside the selling of game no laws should be needed. No man who is interested in birds can indulge in "Spring Shooting." No man who has any self respect will load himself down with more birds than he can use, or sell game. Now, if all of us refrained from selling game, from Spring Shooting and unnecessary slaughter, we would need no game laws. The game butcher is the enemy of all self respecting sportsmen and should be treated as such. There are two more enemies of our game birds with which we are all familiar—the cat and the trap." Mr. Browne is severe upon the cats and believes there is only one method for dealing effectively with the evils of cats and traps—destroy them. Chapter six is taken up with a Brief History of Firearms, attention being called to the vast changes made in the arms of offence and defence by the discovery of gun powder in the fourteenth century. Improvements have centinued "until today we have guns that kill further than the eye can sight the mark and that shoot with unnecessary rapidity." In particular

have firearms played a most important part in the history of the Western Hemisphere. Without firearms the early settlers and pioneers would have been in a bad fix and the settlement of the whole of America would have been indefinitely postponed. The old long barrelled muzzle loader became an American institution and it is astonishing how much was done by its means. "Even at the preseut time there is no firearm better suited to a wildneress trip than the old percussion cup muzzle loader..... because of the lightness of its ammunition and the variety of charges that may be used." "The modern gun has given us two important points : that single shot rifles are unsurpassed for accuracy, and that smokeless powder is superior to the black powder." There are two strong reasons why boys and young men should become skillful in the use of firearms—first that they may be able to defend their flag and home against any aggression and secondly for the physical advantages to be derived therefrom. "There is probably no life more beneficial, physically, for a man than the life of a hunter. Besides building up the muscles and sinews it produces those traits of character necessary for success in life. Frontiersmen the world over are noted for their hardihood, courage and resourcefullness." An impressive warning against carelessness in the use of firearms appropriately winds up this section. The last chapter is on The Wilderness and many hints are given in it which will ienable the nexperienced to gain from those who have been through the trials and troubles all must endure who follow the lure of the wild. In the woods one learns that trails follow the lines of least resistance. The importance of wood, water and feed, the necessity for neatness and order, hints on tents, flies, fires, stoves, baking fires, frying fires, roasting fires, boiling, cooking utensils, camp cooking, grub, beds, packing, packing horses, packing dogs, man packing, fording streams, pack fording, pole fording, hunting and still hunting are all given in a chatty style which imparts knowledge in a most interesting way. Still hunters will be interested in the concluding sentence of the observations on their favorite recreation. Addressing a city man, unused to the woods, the author says after the man has had one trial of the kind "The next time you go still hunting you travel one foot where before you moved twenty and see game where before you only saw tracks and fresh beds." In conclusion a farther caution against carelessness with firearms is given and it is added that those trained to the use of weapons in their youth are rarely careless. The last sentence of this most interesting book will well bear quotations :—"Let your bearing towards your gun be one of constant watchfullness. Let your enjoyment of hunting lie in the pleasure of studying the habits of wild animals, and in doing well a man's part in the dangers and hardships of the wildnerness hunt. Let your desire be to kill what game you do as a man rather than to kill a lot as a butcher. In this way you will grow younger as you grow old, and the freshness of the fields, the dignity of the mountains, and the laughter of the clear streams will enter into and be a part of you." In the preface, Mr. Dan Beard suggests the formation of Steven's Rifle Clubs for boys aud young men for the purpose of practising shooting at targets, thus fitting themselves for vacation trips in the woods, developing manly self control and calm resourcefullness, the marked characteristics of their forbears. The Company promise to do all In their power to encourage and help such organizations in their work of perfecting themselves in the proper care and use of firearms. This is a public spirited proposition of the right kind and equally open to Canadians as to the young people of the States, It is no doubt true that those who learn about firearms in their youth respect them the most and are the least likely to have accidents with them. It is further true that self reliance is gained by a competence in their use such as nothing else can give. A copy of the book, in paper covers will be sent to any of our readers applying for the same to the J. Steven's Arms and Tool Company, Chicopee Falls, Mass. for twenty cents and the Company has on hand a limited stock bound in cloth for thirty cents. It is a book which can be confidently and heartily recommended to all sportsmen.

THE THIRD ANNUAL CAMP.

Rules and Regulations.

The camp is for the purpose of enabling members of the Club to meet in the mountain regions of Canada, and Graduating members to receive the assistance of the Club in qualifying for active membership.

Date.

The camp will open on Tuesday, July 7th, and close on Tuesday, July 15th.

Railway Station.

The nearest station on the Canadian Pacific Railway is Rogers' Pass, half a mile easterly. Parties going direct to the camp should purchase tickets to this place. Those who so desire may go to Glacier House, the Railway Company's comfortable hotel at Glacier Station, two and a half miles southerly. An endeavor will be made to have the trains stop at the camp at the summit.

Transportation.

The camp authorities will provide for transportation of baggage from and to Rogers Pass station, without charge, but will not do so from Glacier House.

Members may arrive at the camp by the afternoon train of July 6th.

Who May Attend.

Accommodation will be prepared for two hundred persons, and applications therefor will be registered in the order in which they are received by the secretary of the camp, due allowance being made for distance.

Except as hereinafter provided, the camp is open to Club members only. All members belonging to Honorary, Active, Associate and Graduating grades may make application for accommodation.

Duly accredited representatives of literary and scientific bodies, of the leading daily papers, of standard magazines, and professional photographers will be given the same rates as Active members.

Active and Associate members are privileged to bring their wives or husbands, but they will not be entitled to Active membership rates.

Charges.

Active members, and those placed in the same category with regard to rates will be charged two dollars ($2.00) per day while at the camp. This does not include hotel expenses.

Graduating members who qualify for Active membership will be charged at the above rate.

All others will be charged three dollars ($3.00) per day.

Members arriving before 12 o'clock (noon) and leaving after that hour will be charged a full day. No half rates will be given.

Transportation of baggage to and from the camp, from Rogers Pass station, and on the various expeditions will be provided without additional charge.

Transportation of baggage to and

from Glacier House will be charged fifty cents (50c) per lot, additional.

No person attending will be allowed more than forty pounds (40 lbs.) of baggage. If in excess, transportation will be refused until the weight has been reduced. No trunks or boxes can be handled.

Those using saddle ponies on the various expeditions will be charged one dollar ($1.00) per day for the use of each pony.

Clothing.

Those climbing require heavily-soled leather boots, well set with nails. Knickerbockers, puttees, sweater and soft hat furnish the most serviceable costume.

No lady climbing who wears skirts or bloomers will be allowed to take a place on a rope, as these have been found a distinct source of danger to the whole party. Knickerbockers, with puttees or gaiters and sweater have been found serviceable and safe.

It is unnecessary for ladies to wear knickerbockers around the campfire.

Outfit.

Baggage should be as light as possible and consist of two pairs of blankets weighing about fifteen pounds (15 lbs.), an "eiderdown" or "comfortable," a small feather pillow, a change of clothes and boots, toilet articles, towel, soap, etc.

A sleeping bag may be substituted for the blankets and "eiderdown."

Members are recommended to come supplied with snow glasses and drinking cups, but a limited supply of rubber cups and colored glasses will be on hand and can be had at cost price.

Climbers should come with the soles of their boots well set with nails. Swiss edge-nails can be had at the camp.

General Information.

Members to be eligible for the privileges of the camp must be in good standing; that is, have paid their dues for the current year.

You are requested to notify the undersigned of your intention to attend the camp, at the earliest possible date, so that proper provision may be made. Members allowing their applications to remain until the last moment must not feel aggrieved if they cannot be accepted.

Swiss and other competent guides will be in attendance for all climbs and expeditions.

It is hoped that the usual rates will be obtained from the Canadian Pacific Railway Company. Applicants will be notified later. It will probably be found, however, on inquiry of your railway station agent, that the excursion rates to the Dominion Fair at Calgary will permit of a very cheap rate to and from the camp, which will be located little more than ten hours' run from Calgary.

Badges will be supplied at the camp.

Annual Meeting.

The third Annual Meeting of the Club will be held at the Rogers Pass camp. The election of officers for the second term of two years will then be declared.

How to Obtain Membership.

Nomination slips for membership and general information concerning the camp can be had on application to the undersigned secretary of the camp, or to the secretary of the Club: Mrs. H. J. Parker, 160 Furby Street, Winnipeg.

Remember, unless otherwise specified herein, the camp is open to members only.

Climbs and Expeditions.

The scenery of the Selkirks is quite different to that of the Main Range. The rock formation is of a much older series and, owing to the heavier precipitation, the permanent snow line is at a considerably lower altitude; for the same reason the forest growth is of a tropical luxuriance and extends up the mountain sides to near snow line. In July, cloud effects are at their best and the varied contrasts of timber, ice, snow and rock, canopied by masses of white cloud, charm and fascinate the eye and fill the memory with pictures that are long remembered.

Location of Camp.

The camp will be pitched on the actual summit of the Pass, at an altitude of 4,351 feet above sea level. Immediately surrounding it are: Mts. Macdonald, Avalanche, Cheops and Tupper—all are splendid climbs. Mt. Tupper has been

ascended only once and is one of the stiffest climbs of the entire system.

At the end of a shoulder of Mt. Cheops, in full view from the camp, stands a giant rock figure, so closely resembling the "Little Corporal" that the spur has been named "Napoleon."

High up on the edge of Mt. Tupper (formerly Mt. Hermit) may be seen the venerable Hermit and his dog.

Official Climb.

Rogers Peak and Swiss Peak of the massif Mt. Rogers and Mt. Hermit will be the official climbs. It will be a two-day climb, one night being spent at the C. P. R. hut, situated at timber line on the southern slope of the mountain. The altitude of Rogers Peak is 10,536 ft.; of Swiss Peak 10,515 ft., and of Mt. Hermit 10,194 ft.

The Rogers Amphitheatre.

The Rogers Amphitheatre contains Swiss Neve and Rogers Glacier, and furnishes magnificent illustrations of the action and eroding power of glaciers. The road to Mt. Tupper lies along the right moraine. Swinging to the left from the hut, the heights of Mt. Sifton may be scaled.

Bear Creek Climbs.

Bear Creek flows from an amphitheatre between Mts. Cheops, Ursus Major and Ursus Minor, and passes close to Rogers Pass station.

It is a valley of distinctive type, a valley of huge rock-falls. Immense blocks of rock may be seen here with trees growing on their summits. It is a favorite haunt of the "Whistler."

From the valley may be reached Mts. Grizzly, Ursus Major, Ursus Minor and Cheops.

Mt. Sir Donald.

This monolith is a mountain of moods. Though only 10,808 feet, it is subject to climatic conditions and the condition of the snow and schrund at the base of the rock berg will regulate the possibility of climbing it so early in the season. If possible, two ascents will be made.

The Illecillewaet Glacier at its base is worth a visit, and a party will be arranged daily. Expeditions also will be sent to Perley Rock and the upper neve of the Glacier.

Asulkan Valley.

Of all wonderful Alpine valleys the Asulkan is the chief. A rushing, whirling torrent, silver waterfalls, spurs of grand primeval forest and snow-capped peaks high in mid-air, form the chief characteristics for the five miles of its length to the tongue of the Asulkan Glacier.

At the head of the valley a camp will be placed, where those desirons of crossing the Asulkan Snowfield to the Pass may spend a night. The Peaks, Castor, Pollux, Leda, the Dome, the Rampart and Mts. Afton and Abbot may be reached from this valley via Sapphire Col, between Castor and the Dome. These peaks can also, and most easily, be reached by the path leading to Mt. Abbott from Glacier House, via Marion Lake.

Cougar Creek Valley.

A delightful pony trail through grand old woods, showing peeps of wondrous scenery, leads from the Illecillewaet River, past the Loop, and turning sharply to the right travels up the Cougar Creek Valley to the site of the Selkirk Caves—distance, nine miles from camp. A two days' round trip will start from camp every day except the first, stopping one night at the Caves, and returning the following day via Baloo Pass and Bear Creek. Those who wish will be given an opportunity to visit the Marble Caves, situated in a bed of shattered crystaline limestone.

Peaks that may be climbed from the Cougar Valley, are: Mts. Bagheera, McGill, Cougar Peak, Catamount Peak, Ursus Major, Ursus Minor and Cheops.

Cougar Valley is of two distinct types. The upper is glacier-cut and of the kind known as a "Hanging Valley." It is guarded by Pt. Lookout, from whose eerie heights the length of the lower valley is swept by the eye. The lower valley is water-cut and the sides ceme together in a sharp "V."

A curious feature of the valley is the "Wind Crack" where a strong current of air issues from a crack in the rock side, probably caused by a water blast in cave interiors.

Other Peaks.

There are numerous other peaks within reach: Eagle Peak, so called on account of the perfect resemblance of an eagle perched on its edge; Avalanche Peak, Uto Peak, Ross Peak and Mt. Bonney.

Minor Trips.

There are plenty of minor trips of surpassing interest for non-climbers; the ice fourfoot of the Illecillewaet Glacier, Cascade Summer House, Avalanche Crest, below Mount Avalanche, Glacier Crest overlooking the Illecillewaet Glacier, Marion Lake, Observation Point, The Loop, and others. Given fine weather, the camp week will be one of enchantment spent in Wonderland.

Glacier House, two and a half miles from the camp, is one of the extremely comfortable mountain hotels of the C. P. R. Co. Mr. Schiller Flindt, the manager, is one of the Club's Associate members. His name is well known in the Selkirks and to the mountaineer, explorer and nature lover is synonymous with a good time.

Members desirous ot obtaining maps and descriptions of the various places of interest close to the camp should get a copy of "The Selkirk Range," which deals with the subject fully and is well supplied with maps. Address "The Secretary of the Department of the Interior, Ottawa," and inclose $1 00.

Special Notice.

Members are, particularly requested to send either Post Office Box number or house address to the Executive Secretary, Mr. S. H. Mitchell, 567 Spruce St., Winnipeg, Man., for entry in the new list of members.

Address all correspondence to

C. WHEELER,
Box 167, Calgary, Alberta.

Art Competition.

The prizes to be given in the various classes of the Art Competition, the terms of which were published in our April number, have been arranged as follows:

Class 1. Gentleman's ice-axe, Swiss make. Presented by the Club.

Class 2. Lady's ice-axe, Swiss make. Presented by the Club.

Class 3. Aneroid Barometer. Presented by the Club.

Class 4. Photographic Enlargement of Rocky Mountain Peaks from a summit of the Bow Range; 22x14, beautifully framed in mahogany. Presented by C. W. Rowley.

Class 5. Photographic Enlargement of Selkirk Peaks from the summit of Mt. Donkin; 22x14, beautifully framed in mahogany. Presented by C. W. Rowley.

We hope that the scientists in Canadian Universities will identify themselves with the Club and give its Science section the impetus it needs. The popular mountaineering section needs no stimulus. It will grow of itself.

So far most of the voluntary scientific work done in the Canadian Alps has been by Americans. This ought not to be, though that is not to say we do not welcome the American savants who publish the results of their observations in such books as Dr. Sherzer's "Glaciers of the Rockies and Selkirks." We do welcome them and their works. If Canadian universities were only wealthy! It costs money to make observations in the wilds of the Rockies.

The Library is growing. We have now nearly fifty volomes, among them some very rare works out of print. A full set of the Alpine Journal (English) can be secured for $120, at a second hand booksellers in London—"The Museum Book Store" 43 Museum St., London, W. C. These old journals are very valuable, both historically and scientifically, and the price will never be less, but it will surely be more. With the Club House to build we do not feel it prudent to use the funds necessary for its purchase. But we are aware how important to the Club is a respectable library. The latest additions are Paul Kane's book, long out of print and very rare, as well as valuable, by purchase; and Dr. Sherzer's book by gift of the author.

A Plain and Common Sense Talk About Pointers.

BY MRS. CHARLES WATERS.

THERE is a wonderful interest in studying and breeding dogs and I know of no species of these animals which better repay care and study than pointers.

These graceful, beautiful dogs are very affectionate and the more one is amongst them the more fully one realizes the truth of the proverb which says that if one picks up a starving dog and makes him prosperous he will not bite you—that being the principal difference between a dog and a man.

In size, pointers are divided in our best shows into two classes—fifty-five pounds and over and under fifty-five pounds. The head should be of good size, slightly wider between the ears than that of the setter and the nose broad and square in front. With regard to the lips, the upper ought to be well developed, not flewed, except the corners of the mouth. The forehead should be nicely rounded, not too much raised, and depressed in the centre with a slope between the eyes. The latter ought to be full and lively, with the ears thin and low set.

In the liver-and-white the nose is black, but a black nose would be fatal to a lemon-and-white dog. The neck should be long and clean and elegantly set into the shoulders. No throatiness can be tolerated and the neck must be strong at the union with the body. The shoulders should be deep and sloping with chest deep and not very wide.

The back ribs should be well ribbed and well sprung, the thighs muscular and well developed : the stifles well bent ; the foot compact and strong soled ; the forelegs as straight as a dart, pasterns straight with tail tapering to a point. A coarse stern shows a cross somewhere with a hound. The coat must be short and fine and soft. Colors, liver-and-white, black-and-white, and lemon-and white.

The following is the scale of points allowed :—

Skull	10
Muzzle and nose	10
Eyes, ears and lips	4
Neck	6
Shoulders and chest	16
Back quarter and hock	15
Feet	12
Stern	8
Symmetry and quality	5
Texture of coat	10
General appearance	5
Total	100

"LADY GAY"

A three months old pup on point. Lady Gay is the property of Mrs. Charles Waters, St. Thomas, Ont., and was sired by her "Ch. Lord Bang" and "Jingso Della." She is pictured as pointing a meadow lark and the cut is most interesting as showing athow youthful an age a good dog takes to its work.

AUTOMOBILES AND AUTOMOBILING

The Paris Grand Prix.

No less than forty-six cars have entered for the Grand Prix de Paris, the classic automobile race of France. Six different makes represent France, two Italy, two England, four Germany and the Thomas, America. The latter will compete against fifteen teams of three cars each. The fact that the Thomas is making such a good showing in the New York to Paris race has much increased the interest on this side of the water in the race and now it is known that Louis Strang, the winner of Savannah and Briarcliffe will be at the wheel there are those who believe that the American car may prove its superiority upon French, as it already has upon American ground. Strang has been pratising with the car and declares himself satisfied with the result. He has departed for Europe and in accordance with his custom will gain a thorough knowledge of the course before the day of the race. He has held all along that familiarity with the course means much to the driver and in his case results have amply justified theory. The car, which will be tested for speed rather than endurance in this race, was designed by Mr. F. P. Nehrhas, of the Thomas engineering force, and from motor to axles has been made of American material by American workmen. Above all it must be borne in mind that this is a stock car, with only a slightly larger cylinder than if found in the ordinary Flyer and the parts were taken from the regular stock which enters all Thomas Flyers. If under these circumstances a victory is gained it will be a victory indeed and give the Thomas a position that could be attained in no other way.

The Speed of a Rabbit.

George Schuster, who drove the Thomas entry in the New York to Paris race into San Francisco in an interesting letter to a friend relates some interesting experiments regarding the long mooted question of how fast a hare can run. In the western country rabbits are plentiful and Schuster by the aid of the Speedometer ascertained beyond question how fast the little animal can go. He says that on a flat road the hare can make from fourteen io sixteen miles per hour. Down hill he cannot make more than twelve and a half miles per hour.

Expert Advice to Drivers.

Louis Strang, who so successfully drove the Isotta to victory over the narrow Briarcliff course, gives the following advice to aspiring drivers : In turning corners it is not necessary to disengage the clutch or to apply the brake ; as you approach the corner check the speed of the car by throttling — open up when about half way around. Not, however, until you have ascertained that the coast is clear. Do not rush hills—take them at a moderate pace, but "open up" just as you strike the grade, so as to give the motor the "benefit of the doubt." You will have a feeling at first that you must hang on the steering wheel "like grim death ;" this is unnecessary, and the feeling will soon wear away, when you will find that a slight touch is sufficient to turn the car in any direction. It is a good practise to use the left hand for steering only—the throttle lever may very easily be manipulated with the index finger for opening and the thumb for closing. This leaves the right hand free to operate the change speed lever. Learn to control the speed of the car with spark and throttle as much as possible, releasing the clutch only when absolutely necessary and restoring to the low gear only in extreme cases. It is hard to ex-

plain just how to use the spark and throttle, but the rule is "use the spark for speed and the throttle for power."

The "Reo Echo."

A good deal more than a trade paper is the "Reo Echo," a little journal published for the purpose of making the advantages of the Reo car known to a wider circle than is possible except by means of the printed page. The last issue is the eighth number of the series, and it maintains its interest equally with those which have gone before. Of particular interest is the opening article by Mr. Alfred Reeves on the Motor Car of 1908. Mr. Reeves has no difficulty in making out a good case for the automobile as a modern necessity. He points out that the car has now reached such perfection that it has done more than even its strongest advocates promised when it first appeared. The adoption of standardization ensures to purchasers a continuity of style which enables them to feel that their car cannot soon be out of date. An article on Planetary Transmission, by Mr. H. T. Thomas, C. E. who demonstrates its simplicity, durability, economy and efficiency, is of interest to all motorists. Christening a Motor Car is a description of the performance of Homer France, of Rawlins, Wyoming, who was engaged to pilot the car in the New York to Paris race through Wyoming, the deep snows of the continental divide of the Rockies over the perilous Wasatch Range in the Eastern Utah and as far as Ogden, and from thence to Denver and through to San Francisco, in the course of which the auto was named the "Reo Rabbit." "The Reo Rabbit reminds one of a busy little fox terrier, afraid of nothing, nosing his way into everything, and game to the tip of his stubby tail." In addition to these there is a fine paper on Motoring Among the Pines of Northern Michigan (a paper that should be of special interest to Canadians where the conditions are similar) and much other interesting reading, appealing not only to motorists but also to the general reader. The paper is well illustrated with motoring scenes, adding much to the interest and showing the reader in the most effective fashion some of the actual performances of the automobile.

A Special Road for Autos.

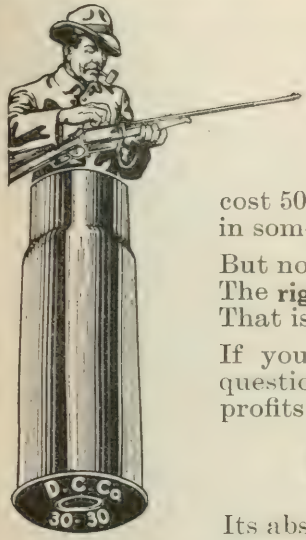
A movement is afoot to construct a 158 mile road for automobilists near Winnipeg. It will be oval in form and the expense of the construction and maintenance will be met from the tolls collected from those who use it. It is proposed to run some big races on the road, which will be oiled to keep down the dust.

The Handy Man on the Farm.

If the farmer will only overcome his prejudices so far as to allow himself to become acquainted with the automobile he will speedily find that the new method of locomotion will benefit him in a hundred ways. A Connecticut farmer is using a Garfield motor for sawing wood, cutting ice, baling hay and cutting tobocco stalks, in addition to taking much longer trips on Sundays than any of his neighbours who uses horses can possibly cover. All that is needed is to take the body from the car and by connecting belts the motor can be made to operate any other machine. It looks as if the auto may yet become the handy man on the farm and in this way convince the farmer that in his early hostllity he made a great mistake.

The Case for the Six Cylinder Machines.

Briefly stated the advantages of the six-cylinder motor over four cylinder cars may be put as follows : Smooth and even driving. Simplicity of carburation, owing to smallness of cylinders, and constant suction. Power applied in small quantities oftener. Saving of wear on the tires, gears, chains, wheels, live axels, frame, crank shaft, connecting rods and all bearings. Absence of vibration, giving extreme luxury. Absence of jerkiness, again reducing wear and tear. Smaller fly weeel required, reducing weight to be carried. High power obtained with very small cylinders. Difficulties of starting high powered engines elimated by smaller cylinders ; a boy can easily swing the engine. Unkeep lighter, through decreased wear of tires, etc. Economical in gasoline due to driving on top gear ; can be driven in traffic on top of gear ; Decreased weight owing to decreased



A SAVING.

IF YOUR

Dominion Ammunition

cost 50 per cent more you might think it would be better in some way than it is.

But no better ammunition can be made.
The **right** price for the **best** is our price.
That is just our reason for not charging more.

If you ever paid more for other ammunition you unquestionably paid for something besides quality—excessive profits or tariff or wastefulness in manufacture.

For All Makes of Arms

Its absolute reliability is **known** before it leaves our factory. Tested, gauged and inspected for your safety so we can put behind it our **guarantee.**

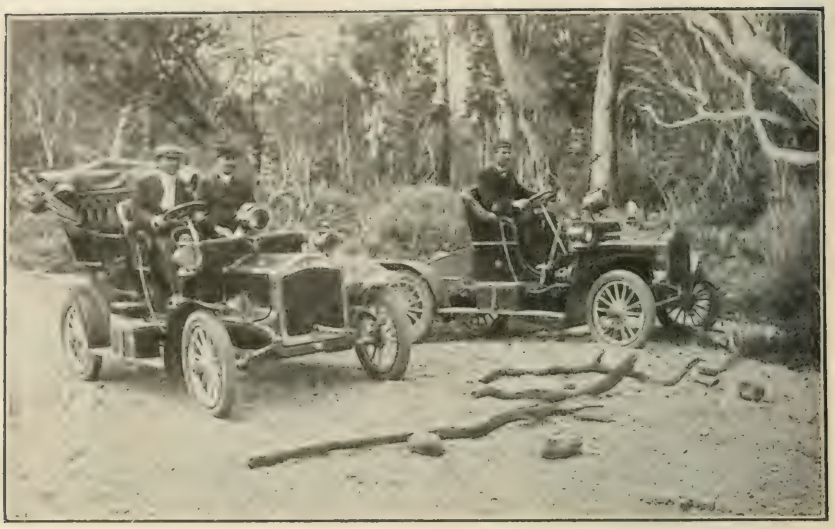
Ask your dealer. If for any reason he does not carry it, write us. The size of your possible order makes no difference

The Dominion Cartridge Co., Ltd., Montreal.

weight of fly wheel, lighter gears and transmission. Keep the road longest ; as a big powered four-cylinder car will keep the road longer than a two-cylinder car of equal power, so does a six cylinder car longer than a four-cylinder. Pull sweetly in mounting a hill. Six-cylinders are not merely a multiplication of cylinders ; they produce a constant and even pressure on all working parts and tires. The pressure on each piston of a six cylinder engine power for power is only a little more than half the pressure of an equalled powered four-cylinder. Pistons and connecting rods lighter in a six-cylinder, the effects of inertia therefore not so great. Always a pressure on one or more of the pistons in a six-cylinder. Owing to overlapping of impulses, engine will run more slowly and "pull" more slowly. Practically no changing of gears required. Practically perfect balance. More silent than a four cylinder car of equal power, simply because each cylinder fires a smaller charge and has, therefore, a less violent explosion and exhaust. Last, but not least, with powerful engines, the six-cylinder will develope its powers if desired at twenty-five per cent greater number of revolutions than a four-cylinder with the result that the transmission can be twenty-five per cent, weaker or, if of the same strength as would be required for a four cylinder of equal power would have a twenty-five per cent, extra margin of strength.

The Taxicab.

The Taxicab, which as proved so popular in the old world, is being very largely adopted across the line and soon every big city in the States will be provided with these conveyances and it will not be long before they become as familiar in the streets of our cities as the horse-drawn vehicle is today. The New York cab drivers have clubbed together and secured export reports on the taxicab. The report is entirely in favor of the new vehicle and it is stated that the public are taking to it so well that the earnings are estimated



THE RUSSELL ON THE SHEEP TREK.

Here are two Russell cars in far-off Australia. The adoption of the Russell by Canadian ranchmen has been followed up by a number of Australian wool growers, who have found the pioneer Canadian car, owing to its ample clearance, to be strictly a "service" automobile. The illustration herewith shows the well worn sheep trek through one of the world famed kangaroo bushes.

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at a high figure. The cabbies, wiser than the farmers, are preparing themselves for the change and indeed seeking to gain advantages from the new condition of things. No one who gives considerarion to this matter can doubt from all the auto has at present accomplished, that the future is with the new system and perhaps taxicabs will help it forward a little speedier than the ordinary privately owned machines.

By Order-in-Council the close season for frogs in the County of Lanark, Ont. is to be from April 30th to July 16th of each year. While this is a good thing for the frog men it is also grand for the duck hunters as the duck grounds will no longer be disturbed by the frogmen at a critical period of the year.

Dry batteries are favored by many motorists and exceedingly good ones are those turned out by the Electric Ignition Company of Berlin, Ont. All manufacturers ask is a trial which they are assured will convince any motorist of their value. A test is best and such a test is freely offered.

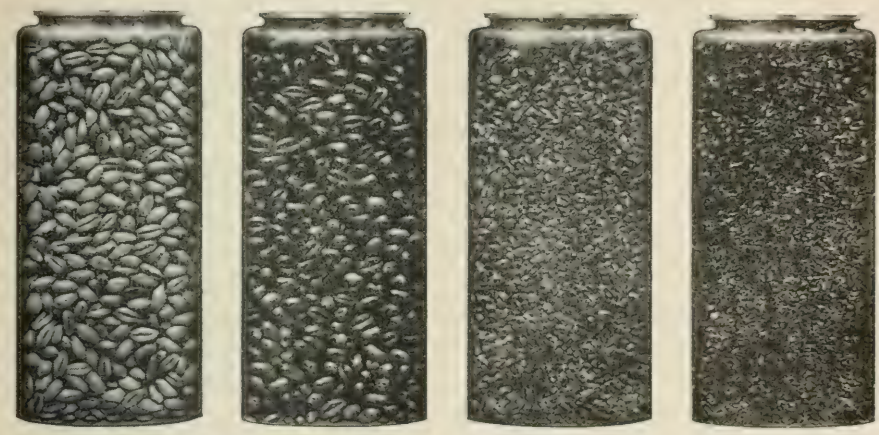
Maine Woods

is the name of a weekly newspaper that used to be local, but is now the fish and game authority for all North Maine. One whiff 5c, steady breeze all the year $1.00. Send for a free sample copy to

MAINE WOODS,
PHILLIPS, MAINE.

POSTUM—

What It Is Made of—



No. 1. No. 2. No. 3. No. 4.

Clean Whole Wheat (No.1) is separated into kernel and outer or bran-coat: the first containing carbohydrates and proteids (tissue-material and energy-storing elements): the second phosphate of potash for rebuilding brain and nerve cells. The kernel is

Skillfully Roasted (No. 2) to a degree that develops in wheat an aroma similar to Java coffee (but without the use of coffee or any drug-like substance): hence the delicious flavour, when Postum is served hot with cream, which has led many to think they were drinking coffee. The roasted kernels are then

Cooled and Ground (No. 3) and set aside. The roasting has changed part of the starch into dextrin and dextrose, or grape-sugar, which form soluble carbohydrates, or energy-making material, and the proteids (tissue-forming elements) are also made soluble for prompt absorption. Next

The Bran-Coat (No. 4) is mixed with molasses, roasted and ground separately, then blended with the other part of the wheat to form the perfected product—Postum.

The relief from coffee ails when Postum is used instead is a matter of history. Try it for your own self-proof.

"There's a Reason."

POSTUM CEREAL CO., LIMITED, Battle Creek, Michigan, U. S. A.

SPORTS AFLOAT!

Being a Section Devoted to Those Who Brave Wind and Wave, in White-winged Yacht or Dainty Canoe, in Fragile Shell or Swift Power Boat

Edited by LOU. E. MARSH

Canoeists Busy.

An excellent summer program has been arranged by the Executive of the Toronto Canoe Club. The engagements commenced in the middle of May and the following are those for the balance of the season:

June 6: Handicap single blade fours, club dinghy race.

June 20: Junior single blade singles, junior single blade tandem, junior single blade fours. junior double blade singles, junior double blade tandem. Measuring dance.

June 27: Club dinghy race for Commodore's medal.

July 1: Hanlan Memorial Regatta.

July 4: Annual Regatta.

July 11: Handicap race around Island in cruising canoes; club dinghy race.

July 18: Club picnic, Island Park; fancy aquatics, summer hop.

July 25: Club dinghy race.

Aug. 1: Canadian Canoe Association meeting, American Canoe Association meeting, Canadian Henley Regatta at St. Catharines.

Aug. 15: Consolation dinghy race, sailing canoe race.

Aug. 22: Open dinghy race.

Aug. 29: Fall regatta and club championships.

Increasing the Power of Four Cycle Engines.

Mr. George H. Gooderham and Mr. J. H. K. McCollum, of Toronto, are interested in a new invention which will increase the quantity of mixture for explosion in four cycle engines, and as a result will, it is claimed, increase the power of such engines by one hundred per cent. In these days of marine engines such an invention, if it "makes good," should prove a most valuable one.

The R. C. Y. C.

This great organization has now close upon fourteen hundred members of whom about nine hundred are residents in Toronto and neighborhood. The club house and grounds are now in fine condition, much work having been done on them this spring. The comfort and convenience of the members have been consulted in every way and experience has suggested a number of the changes made. The club house was opened to the members towards the end of the month and the first race of the season was held on Saturday, May 30th.

A Misfortune at Walkerville.

Lightning is thought to have caused the destruction of the boat house of the Tecumseh Club at Walkerville, Ont., which took place last month. Four racing shells, six row boats, three canoes and two launches, as well as the "Elf," a ten-oared barge presented to the Club by Mr. Frank Walker, and valued at one thousand dollars, were destroyed. The total loss was in the neighborhood of $8,000 with only $1,200 insurance. The fire burnt so quickly that although one of the Detroit fire boats crossed the water nothing could be done to stay its ravages. Coming as this calamity did at the opening of the season the blow is a severe one to the club.

The Work of the Argonauts.

Through all the unpleasant weather we have experienced this spring the Argonauts have been busily engaged in practice and the trial eight which goes to England for the Henley fixture promises to be well up to their work. At a recent

practice at forty-four to the minute the following were the crew: Robertson, bow; Wright, No. 2; Thompson, No. 3; Lewis, No. 4; Balfour, No. 5; Gale, No. 6; Riddy, No. 7; Taylor, stroke; Kertland, cox. Lew Scholes and Jimmy Sosgrave were both out and did six or even miles.

Busy at St. Kitt's.

The Canadian Association of Amateur Oarsmen have decided to hold the Olympic trials' regatta at St. Catharines on June 26th. A four and two scullers will be present from Halifax and two fours may make the trip. Winnipeg will also send a four and Toronto and Hamilton will of course be strongly represented.

It may also be mentioned that the local club means to have two crews at Toronto and three at Henley and have managed a most interesting list of fixtures, including a club regatta in the fall.

Dominion Day Regatta Program.

The committee in charge of the arrangements for the Dominion Day regatta have agreed that it shall be held over the usual course at Hanlan's Point, Toronto Bay. The following events will be on the program:

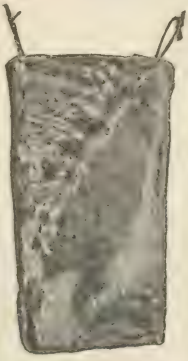
Junior fours (working boats), junior singles, junior doubles, special 140-lb. (working boats), senior doubles, senior fours, senior singles, stationary seat pleasure skiff, championship Toronto Bay.

Swimming—100 yards handicap, 100 yards city championship, fancy diving and swimming.

Canoe events—Singles, single blade fours, tandems, junior fours (double blade), war canoe.

Boat Rating on the Lakes.

A committee of the Trenton Yacht Club has been appointed for the purpose of considering and reporting upon the most satisfactory way of rating boats and adjusting time allowances in order to meet the requirements of a mixed fleet of boats. The report should prove interesting to all boating men.



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there is nothing goes quite so well as a bit of good fat bacon. If you have not been used to fat bacon — try it — the doctors say it is good and after you have tried it you will say so too. Ask your grocer to get you

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3-in-One keeps all fishing tackle in perfect order. Reels oiled with 3-in-One won't stick or hang at critical moment. They always work easily and surely. 3-in-One will not gum, turn black or sticky.

3-in-One prevents rust on steel rods, keeps joints and connections clean and smooth, preserves wooden rods, too, making them tough and pliable.

Draw your line, silk or linen, through rag moistened with 3-in-One. Makes it stronger and last longer. Will not rot, twist or tangle, preserves, lines, nets and traps in either fresh or salt water.

FREE Try 3-in-One at our expense. Write for liberal free sample and booklet. **3-IN-ONE OIL COMPANY, 55 New St., New York**

WE GUARANTEE to increase the speed of your boat 1 to 3 miles per hour. There are no restrictions nor strings whatever on this proposition.

By years of experimenting we have found that a propellor with blades of a differential pitch and a concave curve from the hub to the outside of blade will hold the water the whole length of blade which lessens the slip more than any other design of wheels, thereby increasing the speed of any launch

We also make all kinds of bronze trimmings, stanchions, etc., and fog bells at lowest prices.

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The One Best for Camping, etc.

Adaptability: Jaeger Pure Wool Wear enables you to withstand any sudden change in the weather or temperature without discomfort or danger to health.
It does not chill when damp—like linen or cotton garments. You can allow Jaeger Wear to dry on you with perfect safety.

Serviceability: Jaeger Wear is made from wool of the highest quality, of absolute purity and of the best workmanship. This combination gives Jaeger Wear a unique durability in withstanding the hard wear and tear of camp life.

You cannot do better than put some of the following articles in your camp kit:

Sweaters, Shirts, Camp Rugs, Golf Coats, Sleeping Bags, Stockings, Caps, Underwear, Dressing Gowns, etc.

Jaeger Wear is sold at fixed moderate prices in most cities in Canada.

Ask your dealer, but look for the Jaeger trade mark.

Send for copy of "Health Culture."

RETAIL DEPOTS:

Montreal: 316 St. Catherine St. W.
Toronto: 10 Adelaide St. W.
Winnipeg: Steele Block, Portage Ave.

TRADE MARK

The Ottawa Four.

Three out of the four men who made the Ottawa Senior Four so famous two years ago will be available during the present year. Poapst will be home from the West for the summer and Haycock and Phillips will also be available.

Motor Boats in British Columbia

It is reported that there are now about one hundred motor boats on the Kootenay River and Lake in British Columbia. More are being purchased each year and the boats are being used both for trading and pleasure purposes. With the increase of population in and around Nelson and the wonderful facilities offered by the use of motor boats their use is being extended at a great rate.

Motoring at Victoria, B. C.

If motoring on water is popular anywhere it should be at Victoria. Not only are the waters of Vancouver Island, never closed by ice, open to them, but many adjacent waters, explorations to which must give endless delight, are within easy reach. About fifty motor boats are owned and operated in Victoria and as many more at other points on the island. Four houses in Victoria make a specialty of motors and marine gasoline engines, and two local firms—Hutchinson Bros. and William Temple—are local builders of boats, the latter also commencing the manufacture of a marine gasoline engine of their own invention. Victoria has a large leisure class and a Motor Boat Club has been formed at Oak Bay, an eastern suburb of the city and a commodious boat house has also been erected. A very great increase in the numbers of locally owned motor boats this year is certain.

Motor Racing in the Far West.

The first week in July is to witness a racing contest for motor boats from Seattle to Vancouver, the race being under the joint auspices and control of the Seattle Yacht Club and the Royal Yacht Club of Vancouver. The course will be through Puget Sound, Juan de Fuca

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Wherever you go or whenever you go, whether on business or pleasure, be sure to take along a Conklin Pen, and you'll always be ready for any writing emergency. You'll never be held up through lack of ink. When last drop is exhausted fill

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TOLEDO, OHIO . . . U. S. A.

Straits, Gulf of Georgia and part of the open ocean. In this way not only will the boats be severely tested but also the abilities of their navigators.

At the same time the Northwestern International Yacht Racing Association will be held and the contest for the Dunsmuir Cup will take place. Last year this cup was won by a boat named The Spirit of Seattle.

There is hearty co-operation in making these events successful on the part of all motor men along the coast, and the interest aroused will almost certainly lead to greater numbers of motor boats being called for as the advantages of motor boating is demonstrated.

Lecturing on Motoring.

Dr. M. G. McElhirney gave an interesting lecture on motor boating at the Carnegie Free Library, Ottawa at the beginning of April. The Eastern Ontario Motor Boat Association made the arrangements for the lecture, and the audience, by their careful attention, displayed deep interest in the subject.

Carleton Place to Have Regatta.

At a meeting of delegates of the C. C. A. at Ottawa the regatta for the Northern Division was unanimously awarded to Carleton Place. The meet will be held on the first of August and should much encourage the youngsters of the Carleton Place organization. The Carleton Place C. C. is one of the youngest in the Northern Division. The Club owns the champion war canoe and is looked upon as one of the most promising members of the Association. Their course is a particularly good one and it is believed, and not without reason, that the town will render the local club efficient assistance in the task of making the regatta a success. Mr. J. H. Cameron was elected Vice-Commodore of the division and Mr. W. H. Fletcher, Carleton Place, Secretary-Treasurer.

Canvas covered canoes by reason of their lightness, durability and excellent

Ithaca Guns.

Extra close shooting with even distribution and good penetration are essential qualities that a gun must possess for the very best success at the traps. Ithaca Guns have a world-wide reputation for their superior shooting qualities.

Every Ithaca Gun is guaranteed in every part—shooting included.

"Bob" Edwards the veteran barrel borer is still boring them.

Here's what some of our customers say about them :

"The Pigeon Gun came yesterday. It is a beauty and a hard close shooter. The boys all tried it at our club shoot and everyone pronounced it a peach."

E. Beckwith, Sec. Mt. Pleasant Gun Club, Mt. Pleasant, Iowa.

"My Ithaca No. 1 arrived all O. K. and to say that I am satisfied is mildly expressing it. It is without doubt the finest arm I have ever handled; both the shooting qualities and the finish are superfine."

Bert Mason, Salamanca, N. Y.

Send for Art Catalog and special prices on 18 grades $17.75 net to $300 list.

ITHACA GUN COMPANY

Dept. No. 13

ITHACA, N. Y.

wearing qualities are the best in camping and vacation trips, as well as on exploring tours. The Indian Girl model, manufactured by J. H. Rushton, Inc. manufacturers of boats and canoes, Canton, N. Y., is one that is light and strong and easily handled in smooth and rough water. These canoes are built of the finest and most carefully selected Michigan white cedar, and covered with canvas woven specially for the firm, such canvas being nearly fifty per cent heavier than the ordinary grade of cotton duck. The wearing surface is highly polished, being formed by varnish over color. In order to bring these canoes within reach of Canadian purchasers the firm have decided to sell direct to the user and have arranged for a nominal sum over the catalogue price to deliver either in Montreal or Prescott one of these canoes with freight and duty paid. This means practically that Canadian canoeists will be placed on an equality with those in the States so far as these special canoes are concerned. A finely illustrated catalogue will be sent to any of our canoeing readers who may wish for it upon applying direct to the Company. Special catalogue gives particulars of cedar rowing skiffs in all sizes, dinghies suitable for any size launch or sail boat, decked paddling and sailing canoes, sails, paddles, oars, etc. Considering the great developements of boating in Canada there should be an active demand for the excellent boats turned out by Messrs. Rushton which are declared by all who have used them to be the most suitable for the purpose for which they are intended.

Steel boats are highly popular in the States, where thousands are in use, and they are also invading Canada, their many good points recommending them to boating men in ever increasing numbers. Amongst such boats those of the W. H. Mullins Company, of Salem, O., (which are distributed throughout Canada by Mr. N. R. Thompson, of Brantford, Ont.) are deservedly popular. These

boats are made of steel plates covering an interior framework, the plates being so well pressed and riveted as practically to form one plate. The keel is a metal covered wooden one, the wood being dropped into a groove of the steel hull, adding the utmost stiffness, and being prevented from loosening up or tearing off, the boat is unable to leak. The framework is attached to the shell only at the keel and gunwales, and should the framework warp or twist away from the shell no fastenings of any kind can be drawn from the shell. The engine base is attached to the keel and supported by special iron ribs; consequently the vibration is absorbed by the framework and there being no danger of opening seams or starting joints, a leak is impossible. An improved Silent Exhaust, which does away with all the disagreeable features of running a motor and best of all the noise, will be placed in these boats. The Mullins boats are guaranteed against puncture, leaking and sinking. They never need caulking and never need to be dried out as they cannot absorb the water. The only attention necessary is an occasional coat of paint. In addition to motor boats the firm also manufactures row boats, dinghies and pleasure boats of all descriptions. A fine new catalogue gives full descriptions of all these boats and will be forwarded on application to Mr. Thompson. A regular marine insurance policy guaranteeing against loss by fire, or damages from any cause is given with each boat It is pretty clear that Mullins Pressed Steel Boats have a great future in Canada.

SHOT

"M.R.M." Chilled Shot is particularly suitable for trap shooting, as the best results are to be obtained from its use.

It is made from material sufficiently hard for the purpose for which it is required, is correct as to size, round and well finished.

Specify "M.R.M." when ordering.

TRADE M.R.M. CO. MARK

THE MONTREAL ROLLING MILLS CO.

The favorable notice given last month to the "Little Giant" gasoline motors should be supplemented by the following which will appeal strongly to all our readers interested in marine engines:

At one time there was a divided opinion on the part of the manufacturers users and others, as to which type (the Two or Three Port) two cycle Motor was the most practical and efficient. The opinion favoring the Three Port two cycle type is now unanimous, at least among intelligent users and others who have had an opportunity to try these two different types. One of the most objectionable features of the two-port type is that a check valve is required in the gas intake connection, or in the vaporizing valve to prevent escape of gas from crank case. The continual clatter and wear on the valve seat of the check valve necessitates the renewals of this part of the Motor. A Float Feed Carburetor can be used on the three-port type, but not on the two-port, unless in conjunction with a check valve. The piston in the three-port type draws in the charge of gas on the up-stroke, and on its down-stroke closes off the in-take, thus overcoming the necessity of a check valve.

The material and workmanship in the "Little Giant" is the best. The Piston, Piston Rings, and Cylinders inside are ground to a mirror finish, and an accuracy of one-half thousandth of an inch, (after having been bored and reamed.) All parts are adjustable. The main bearings are lined with Phoenix Babbit metal, which is superior to the genuine. Illustrated catalogues will be sent by addressing the manufacturers, First St. and Jefferson Ave., Detroit, Mich.

A&F Co. CAMP OUTFITS

Going Camping?

HOW ABOUT YOUR OUTFIT?

Our catalogue will help you select it

TRADE A&F MARK

REG. IN U. S. PAT. OFFICE

This mark is the sign of quality and the seal of excellence.

Our goods are known all over the world.

We are makers of complete outfits for Explorers, Campers, Prospectors and Fisherman.

Write Dept. **F**
for our 320-page Catalogue.

ABERCROMBIE & FITCH CO.
57 Reade Street, one door from Broadway
NEW YORK, U. S. A.

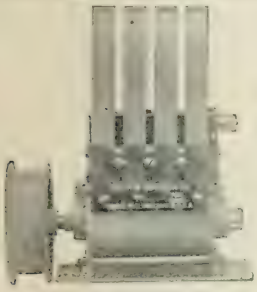
To the motor boat owner a gasoline tank is a matter of much importance. In consequence of several fatal accidents last year some amount of uneasiness was caused all through the boating fraternity and the question of a good tank became a matter of primary consideration. The Ornamental Galvanized Iron Works, of Toronto, manufacture tanks which stand the Government test and can be absolutely relied upon. They will be made to any pattern and there can be no overflow in filling these tanks. Prompt delivery is also guaranteed and parties outside Toronto ordering tanks can be assured that goods will be shipped in three days from receipt of order.

———

Boating men are always acquiring motor knowledge and they are in many cases excellent judges of motors. It is to such men that the Cooley Manufacturing Company, of Waterbury, Vt., desire to submit the merits and advantages of their Cooley motor. For sixteen years they have been building and developing this motor until they now believe that it will stand any reasonable test. The motor is made for hard and continuous service and in reliability and long life is held to be unequalled. All castings are made in the Company's foundry, the materials being the best obtainable and the design is so simple that necessary repairs can be made without entirely dismantling the engine. The cylinders are made from a closely grained grey iron and with the five horse power and its multiples the heads can be furnished either cast integral or detached. The water circulation is effective and complete. The pistons are of the trunk type, being extra long and filled with four eccentric lap joint rings, three being placed above the piston pin and one below. The connecting rod is of high grade steel filled with phosphor bronze bushing at the top or piston end and white bronze bushing at crank pin end. The crank shafts are made from a high grade carbon steel and are dropped

forged; the water cooled muffler is attached directly over the exhaust port, which is found to be a great advantage; and all bearings are accessable through the hand hole plates in base. A force feed lubricator on the smaller motors and a multiple type oil feeder in the larger ones make ample provisions for lubrication. The best carburetors are used but any type that may be desired can be furnished. Make and break or jump spark ignition can be used as preferred though the Cooley make-and-break ignitor is recommended for its simplicity and effectiveness. A magneto is advised. While every part is tested the whole motor when assembled is submitted to a further rigid test. All parts are interchangeable.

The New Motor Boat and Stationary Engine



The accompanying illustration shows the New Model "M" or Motor Boat and Stationary Engine Special K-W Magneto that is being manufactured and placed on the market by the K-W Ignition Company of 46 Power Avenue, Cleveland, Ohio. This Company has been manufacturing Ignition Magnetos for the past year and now have on the market several models of Magnetos for both make and break, and jump spark ignition. They also manufacture the celebrated Vim and K-W Spark Plugs and the well known K-W Master Vibrator. It will be noted by referring to the illustration that the model "M" Magnetos are belt driven as the makers consider belt drive most positive, if a good water proof and non-stretchable belt is used, and they are prepared to furnish such belting at 20c per foot. This Magneto is designed principally for Marine and Stationery engines and they furnish a high grade coil with the Magneto which is wound especially for the Magneto and must be used with it. The K-W Ignition Company claim that while their coil is wound especially to suit the K-W Magneto, it will also give the very best results obtainable from batteries because the coil is built right. This system is intended solely for jump spark ignition although they also make Magnetos for make and break ignition which have to be driven by gear at crank shaft speed and no coil is needed. The model "M" Magnetos are constructed on the same well known principle as all other K-W Magnetos, that is it has no moving wires, no brushes and no commutators but the winding, which is a spiral of copper ribbon, stands perfectly still in a dense magnetic field. The motor which runs in high duty ball bearings is the only moving part about the Magneto and the Company claims that if the ball bearings are well oiled the Magneto should outlast the engine. The model "M" Magnetos are intended to be run at from 1500 to 2000 R. P. M. when the engine is up to its highest speed. The Magneto is wired up just exactly as a set of batteries and the K-W Ignition Company claims that no batteries what ever are necessary, as they guarantee the Magneto to start the engine easily without them.

IT FITS the POCKET

Our handy book of sports measures 5 x 7 inches—just the size to fit snugly in the coat pocket—and is a veritable encyclopedia for the Sportsman and athletically inclined. It tells the low, net cost on every item and just what the postage is, making it easy for you to buy from us by mail. Ask for

Sporting Goods Catalogue 041

Nearly 300 pages describing 5000 articles and over 1000 illustrations. "It fits the pocket and the prices fit the pocket book."

Mailed for 4c postage, U. S. or Canadian 2c stamps, to those who enjoy out-door life, whether camping, fishing, hunting, golfing, baseball or tennis playing, or in fact any recreation or game. For ten 2c stamps we will send a POCKET COMPASS or Develene Whistle with our book No. 041.

NEW YORK SPORTING GOODS CO.
17 WARREN STREET NEW YORK

Our Medicine Bag

Up in British Columbia amongst the finest scenery in the world; the finest fishing; the finest shooting; is a canoe trip not to be equalled elsewhere. There was one objection to it previously, namely that at certain places the river needed clearing. Through the instrumentality of the Canadian Pacific Railway, men are now starting out to remove the obstructions, and a month from now it will be all in order. This trip starts from Leanchoil, two stations beyond Field, B. C. and in a trip of nearly 250 miles only a short 20 are against the stream, namely up the Beaver Foot River. Thereafter you follow the Kootenay River for about 100 miles, and then after a portage of a little less than a mile, Canal Flats and the Columbia River are reached. At certain levels of the water, even this portage can be avoided, and after proceeding along the Upper Columbia, through Windermere Lake, on the Columbia River proper the journey is finished at Golden, B. C. The best guide for this trip is Manuel Dainard, of Golden, British Columbia.

A folder card issued by Mr. F. S. Stocking, city ticket agent for the Quebec Central Railway, Temiscouta Railway, Great Northern Railway of Canada, and Quebec and Lake St. John Railway, 32 St. Louis St., Quebec, contains in a summarized and readable form the principal points in the fish and game laws of the Province including the open seasons for big game, fur bearing animals, feathered game and fish, particulars with regard to the licenses, transport, and fire regulations. Despite the fact that large areas of fishing and hunting territories are under lease to clubs there is ample room for more, and a wealth of territory is declared to be at the disposal of the transient sportsman. It is a mere truism to assert that no country in the world can give a greater variety in sport than historic Quebec. As it becomes better known there will certainly be a tremendous increase in the number of those who seek health and pleasure within the confines of this beautiful Province.

Sir Frederick Bridge, the organist of Westminster Abbey, who was touring Canada last month and gave a series of recitals in the principal cities on the Cathedral Music of England, is an ardent fisherman and spends his summer vacations fishing on the Spey in Aberdeenshire, Scotland. The late Lady Bridge, who died two years ago, was also noted for her love of fishing and one of the possessions which Sir Frederick values most in his home in the Cloisters at Westminster is a mounted salmon which was caught by her Ladyship with a rod. This fish weighed forty-five pounds. The capture was made in the Spey near their Scottish home. The fish was foul hooked and had to be played for two and a half hours before it could be landed.

Tenders for fencing the buffalo park on Battle River have been opened in Edmonton, and the contract let at a rate that is approximately $1000 per mile. It will require seventy miles of fencing to enclose the preserve. The park will contain 170 square miles, and when the remainder of the herd purchased last fall by the Dominion Government is brought in, which will be done just as soon as the fence is up, we will have the largest buffalo ranch on the continent and the finest aggregation of the bison tribe in the world.

The Government of British Columbia have decided to stock the Queen Charlotte Islands with game of which there are none at present with the exception of a few black bear. With this end in

CRUISING AND RACING

GASOLINE LAUNCHES

FULLY EQUIPPED

A VARIETY OF STYLES IN STOCK
FROM 16 to 35 ft. IN LENGTH.

Special Light Motor Boats

FOR HUNTING AND FISHING

Hulls furnished, caulked, puttied and painted ready for interior fittings.
Knock Down Frames, Frame and Plank Patterns.
Second Hand Launches.

Send for Catalog

Robertson Bros.

Yards and Launch Works

Foot of Bay St., **HAMILTON, CANADA.**

view an Order-In-Council has been passed making it illegal to hunt deer on these islands until further notice. Steps are being taken to obtain a supply of big game in order to carry on the work of stocking without delay.

The Chief Game Warden of British Columbia (Mr. A. Bryan Williams) was engaged last month in East Kootenay in the work of locating a site for the proposed game reserve in that district.

In an Indian murder trial at Vancouver, B. C., certain evidence submitted disclosed a peculiar method of preserving dead bodies. In the course of their duties a doctor and Provincial constable visited the dead house in the Indian village of Smith's Sound for the purpose of examining the body of the murdered man. They found the corpse wrapped in twenty-five blankets and placed inside a cedar box above the ground, the result being a drying up rather than putrefication. The doctor stated that he had never heard of this method of preservation though he had seen bodies of Indians placed on the tops of trees and taken down years afterwards as dry as Egyptian mummies.

Mr. Thompson-Seton recently gave an account of his travels to the Canadian Club at Ottawa. He told the members that in the course of his journey down the Mackenzie River he discovered two new rivers which he named Laurier and Grey and explored a Kingdom. He also found an immense spruce forest which, if properly administered, would last for centuries. The severe weather, wolverines and ravens, and the consequent scarcity of food constituted the drawbacks of the country. The Indians were perfectly honest, though quite uncivilized and deer walked right into the camp. For hundreds of miles there was not a bit of barren ground and he passed through flowers up to his knees. The whole country indeed seemed covered with vegetation.

Fishing enthusiasts who obtain their outfit from the fine selection of the Enterprise Manufacturing Company of Akron, Ohio, may be assured that success will depend entirely upon their skill in using it. Their catalogue No. F. 25 is a treasure house of fishermen's requirements, containing such wide and varied choice in reels, hooks and flies that it would appear impossible not to please even the most fastidious tastes. The well known and justly celebrated Pflueger hooks, baits, reels, etc., are made in varieties which skill and experience have demonstrated to be the best, and when to excellence of pattern is added the finest of materials and most skillful labor in production the results are such as to meet the desires of the most exacting. Everything is to be found in this catalogue that the fisherman wants or thinks he wants, and some of the outfits put up by the Enterprise Company are enough to make those who have to work with less, envious of their more fortunate brethren who are able to go to such a firm and take from them the best their long and wide experience can suggest for such a delightful recreation as fishing.

John Goodrich, of Canora, Sask., recounts a trying experience on an exploration trip. In snowstorms his cattle scattered and he lost his team in a bog. One night he was followed by a large pack of wolves and forced to spend the night in a tree. His clothing was wet and froze and he was in a condition of exhaustion when the wolves dispersed in the morning and he made his way with difficulty to the nearest house.

Mr. Louis Durocher, of Hull, Que., was fortunate enough to catch an eighty-five pound sturgeon in the Ottawa River between Aylmer and Ottawa on the evening of May twentieth. According to the fisherman's story he was fishing from a boom with an ordinary hook and line when he got the bite. Before landing he had to stun the fish by repeated blows with a hammer. When measured the fish was found to be five feet three inches in length. It was placed for a time on public exhibition at Hull.

A curious case of a fish drowning a dog is reported from Wyoming. A lad named Case was accompanied by his dog while on a fishing trip. He was successful in obtaining a bite and the fish was large enough to jerk the cane pole out of his hand into the water. The dog was sent after it and the fish with the help of the current took pole and dog down the rapids in which the animal was drowned. The pole was recovered at the foot of the rapids and after a hard struggle the trout which weighed four pounds was landed.

Mr. Percy L. Bryant writes from West Port, N.H. "It was my good fortune to kill during the past season a 268 pound buck which I think is the record for New Hampshire if not New England for 1907. This big fellow had ten prongs, five on each side. He was running from me about eight rods away when I fired and broke both hips letting him down in a heap. My load was twenty-six grains Infallible one and a quarter ounces, number five Buck shot my gun an Ithaca twelve bore thirty inch grade one and a half and I have made some remarkable shots with BB shot."

Mr. J. P. McConnell of Sturgeon Falls, Ont is the owner of the head of a white moose, or as it is sometimes called, an albino or "freak." The animal was shot north of the Tomiko. The horns which are warty, are similar to those of a cow, but the mouth is distinctly that of a moose. The head is on exhibition at the Kirkup Hotel, Sturgeon Falls.

Mr. Walter Greaves writes from Ottawa: Have you tried the Corticelli Silk Company Patent wax line? If not, do so and I think you will admit that it is a better line for fly fishing than many of the enameled lines. It is filled with wax so that there is no room for water to get in it, it will not crack, is soft and pliable and casts easily. My opinion is that it is the best fly line made.

Wray Garbutt, formerly of Woodstock,

Don't Neglect to take a supply of BOVRIL with you when going Camping.

¶ In camp you never know what's going to happen — how short of supplies you may find yourself or what accidents may befall you.

¶ A supply of BOVRIL occupies very little room in your kit. A hot cup of BOVRIL will enable you to withstand a sudden fall in temperature and to throw off the effects of a wetting.

¶ BOVRIL not only provides a splendid meal when other things fail—but it **adds a zest to canned meats, stews, soups and other made dishes** which gives a keener edge to your appetite and a greater satisfaction to eating.

Take Bovril with you.

Ont., now of Salmon Arm B. C. while out hunting the other day was fortunate enough to secure a nice black bear.

The Sullivan hook and reel guard, an ingenious contrivance for keeping the reel on the rod after a fish is hooked, the invention of Mr. Charles L. Sullivan, of Chicago, can be purchased in Canada from the Trunk and Leather Goods Company, 97 King St. East, Toronto and Warren and Ellis 302 Yonge St., Toronto. Orders by mail will receive prompt attention from both of these firms. The effectiveness of the hook and reel guard commends it to all anglers.

A visit made by a representative of the Canadian Pacific Railway, to the Nipissing District of Ontario, early in May, disclosed some fresh atrocities in the game line. On the French River, two Indians, he says, shot eighty-two deer in four days last fall. Though these deer were preserved for food during the winter, it should be impossible for this kind of thing to happen, and no official notice taken of it. Though this case is a bad one it pales into insignificence beside one that is reported north of the Canadian Pacific Main Line, and only a short distance from Sturgeon Falls. Some murderous butchers went out on the crust this Spring and slaughtered deer galore. Forty carcasses were discovered in one day, which had simply been left there to rot. If the perpetrators could be discovered they would run a good risk of sharing the same fate as the deer. It is an extremely easy matter for anybody to slaugher deer in the winter and early spring in this part of Ontario, as the deer "Winter" in three easily located places, where hard wood is plentiful and where they can get good feed, and it is known that heavy toll is taken from them. A complaint that was made to the authorities produced little result. The gentlemen who gave them the information about the Indians saw his letter back in his own town in about four days. As the interests of the gentleman in question demand that he should have the good feeling of the various people amongst whom he lives and works such treatment as this is not likely to encourage the reporting of similiar instances. Deer are certainly most prolific in this section of the country but so are wolves, and unless some better system of protecting them is adopted, the deer will soon disappear.

A very interesting catalogue to all fishermen is that issued by Messrs. C. Farlow & Co., Limited. 10 Charles St., St. James Square S. W. and 191 Strand W. C. London, England. The reproduction of the original signboard of the firm and of the interior of the Strand shop takes one back in memory to old times. Only a glance at the catalogue however, is sufficient to show that the firm maintains its old reputation in its most recent list, and the hearts of all fishermen will beat with pleasure as they peruse the complete list of fishing tackle. Reading the various items is sufficient to call up memories of days of delightful experiences in the open with fishing either as the excuse or as the real incentive. A most varied and complete list is that to be found between the covers of this unpretentious but most effective publication and the fisherman who is fortunate enough to be able to outfit with Messrs. Farlow may be sure of good sport if fish are to be found in the waters he selects for his pastime. It must be interesting to Canadian fishermen to note that one full page illustration is devoted to British Columbia fishing and one of their spoons is called The Canadian Spoon, while another is entitled The "B. C." Salmon Spoon. No doubt in future lists Canada will occupy a more important position, something more commersurate with its standing as a fishing territory

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We are constantly being asked as to whether there is any trout fishing to be obtained near Montreal. Many people are under the impression that such fishing is either played out, or held by clubs. From inquiries we have made lately, and letters we have received, we are glad to say that free trout fishing can still be obtained. Some of this is to a certain extent private, that is to say certain lakes can only be fished by staying at the Hotels which control the rights. On

Hammer the Hammer

The Iver Johnson isn't a bomb—it's a revolver. It goes off only when a revolver should—when you pull the trigger. You can drop it, strike it against table corners, or hammer the hammer, with perfect impunity. But the instant that you do pull the trigger in earnest, you will find the Iver Johnson a quick, sure, straight shooter.

Our Free Booklet, "Shots," tells more in detail why the Iver Johnson has outstripped competitors in public favor. Our handsome catalogue goes with it, showing details of construction.

Iver Johnson Safety Hammer Revolver

Richly nickeled, 22 calibre rim-fire or 32 calibre center-fire, 3-in. barrel; or 38 calibre center-fire, 3¼-in barrel, **7.50** Extra length barrel or blued finish at slight extra cost

Iver Johnson Safety Hammerless Revolver

Richly nickeled, 32 calibre center-fire, 3-inch barrel; or 38 calibre center-fire, 3¼-inch barrel, - - - - - **8.50** Extra length barrel or blued finish at slight extra cost

Sold by Hardware and Sporting Goods dealers everywhere, or sent prepaid on receipt of price if dealer will not supply. Look for the owl's head on grip and our name on barrel.

IVER JOHNSON'S ARMS & CYCLE WORKS 157 River Street, Fitchburg, Mass.

New York: 99 Chambers Street. San Francisco: Phil. B. Bekeart Co., 717 Market St.
Hamburg, Germany: Pickhuben 4. London, England: 13 Cullum Street, E. C.

Iver Johnson Single Barrel Shotguns and Truss Bridge Bicycles

IVER JOHNSON
SAFETY AUTOMATIC REVOLVER

the Nomining branch of the Canadian Pacific Railway good free fishing can be obtained within a short distance of the railway line at almost any station. There are two or three very good lakes up around St. Jovite, Lac Ouimet in particular. Lac Gauthier is controlled by the Grey Rocks Inn, a first class summer resort. In Lac Ouimet the red trout average about three-quarters of a pound and grey trout run all the way up to ten pounds. In Lac Gauthier red trout average about one pound, and a reliable correspondent writes us that he caught forty-two in one in one afternoon, which dressed, weighed thirty-nine pounds. At St. Marguerite are other lakes in which good fishing can be obtained, notably Lac Masson, Lac Point, Lac Pitre and Lac de la Roche.

Automatic guns and their prohibition has recently given rise to much controversy on both sides of the line. In Canada they have been prohibited in several of the Provinces though the protests against such legislation have been both loud and strong, In Pennsylvania the case was carried to appeal and the Court has decided that inasmuch as the statute allowed the killing of game with guns other than automatic it was a discrimination against the makes of automatic guns and deprived them of the equal protection of the laws guaranteed by the Constitution of the United States and the Constitution of Pennsylvania and was therefore unconstitutional. The conviction of the Court of first instance was quashed and under this decision automatic guns can now be used in the State.

Duck hunters know that their choice of decoys is important, for often enough upon the efficiency of their decoys rests the nature of the sport secured. The Illinois River Folding Duck and Goose Decoys are described as the most practical decoys on the market, being attractive, convenient and durable. They are put out and taken in with great rapidity and ease, being made in groups of three with one cord and anchor for each group. The decoys are folding profile made of

IF WE SAY

Goods Wholesaled At Retail Prices

WE WILL CATCH YOUR EYE

BUT ! get our catalogue and you will find

Goods Retailed

at

Wholesale Prices

BECAUSE, WE MANUFACTURE

all kinds of Boat Trimmings, Railings, Stanchions, Chocks Cleats, Deckrings and Oarlocks, etc.

We also have complete facilities for

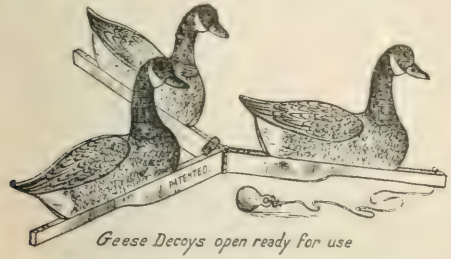
Repairing, Renewing or Refinishing

anything made of metal

20th Century Brass Assn.

223, 5th Avenue, South, Minneapolis.

wood with a three plate hinge so that when extended the float is under water



Geese Decoys open ready for use

and the bird is seen floating at each extremity. They are of light weight, painted in natural colors and as a spring holds the combination open. no adjustment is needed. The decoy ducks are made in mallards, pintails canvas backs, blue bills, black mallards, whistlers, redheads, teal and widgeou and Canada geese, eight males and four females to the dozen put up all complete in a light strong box with cords and anchor. The manufacturer is James W. Reynolds, who is a maker of hunting specialties and his address is 68 South Morgan Street, Chicago. Mr. Reynolds has a double duck call which can be used for the different species and proves highly effective. Single calls with a natural duck voice are also included in his catalogue. Circulars will be sent to any of our readers who will send a request to Mr. Reynolds.

One of the most useful business publications that has seen the light for some time is the "Scientific American" Index of Manufacturers, an index compiled from the advertisers in that journal. The index is a marvel of comprehensiveness and well deserves its second title of "Who's who among American manufacturers" The compilation is also a splendid testimony to the value of the advertising columns of the foremost American technical publication and will prove of constant use to the business man. Often enough the name and address of a manufacturer of some specialty is wanted and at such a time the index will not be in vain. A copy will be mailed free to any of our business readers sending a request to the Scientific American, 361 Broadway, New York.

If a sportsman has not comfortable footwear he can have no enjoyment in his outing. Accordingly the choice of boots is a most important one for him and the oil tanned footwear manufactured by Messrs. John Palmer & Co., Ltd. Fredericton, N. B. can be highly commended. The firm has adopted a moose head as their trade mark and the moose head brand is widely and favorably known. They have boots suitable for sportswomen as well as sportsmen and the case and comfort in wearing their boots are such as to make them an absolute necessity for anyone desiring an outing in which enjoyment may predominate. The lists include waterproof sporting shoepack, long leg waterproof sporting pack, three quarters high cut sporting boot, a similar boot with the addition of full flexible oil tanned sole and heel sewed on by hand (a very popular boot with hunters, engineers, fishermen, prospectors, etc. and most suitable for still hunting) a knee high sporting boot with heel and sole,) noiseless, waterproof and comfortable for long tramps ;) and a special mining and prospecting boot. The latter is studded with Hungarian nails and is specially adopted for work on rough or rocky ground. Surveyors, hunters or mountain climbers find this boot the best for their work. The John Palmer Company issue a fine illustrated catalogue giving representations of their boots and containing directions for self measurement, a copy of which will be mailed to any interested reader sending an application for the same and mentioning "Rod and Gun and Motor Sports in Canada."

The New Brunswick Tourist Association have published an interesting and well illustrated booklet descriptive of the advantages of New Brunswick for tourist and sporting purposes. A perusal of this booklet cannot fail to interest all lovers of outdoor life, and a better acquaintance with the delights to be found in New Brunswick must make that fine province even more popular with sportsmen than it is today. Those who wish to know all about New Brunswick would do well to communicate with Miss Annie E. Tingey, St. John, N. B. who will forward a copy free.

The Full Enjoyment of Fresh Fruit

The full enjoyment of fresh fruit comes to the person who knows enough to combine it with a food that is properly acted upon by the fruit acids, thereby promoting digestion and preventing stomach discomfort and bowel disorders. The ideal food for this purpose is

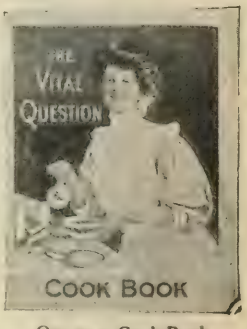
Shredded Wheat Biscuit

The shape of the biscuit and the porous nature of the shreds make it peculiarly adapted to combinations with all kinds of acid fruits, in season and out of season.

You do not know "The Joys of June" until you have eaten Shredded Wheat with strawberries and cream. Nothing so wholesome, healthful or nutritious in summer. Try it for dessert in place of soggy white flour short-cake and other pastries. Deliciously palatable and easily digested by the most delicate stomach.

Shredded Wheat is made of the choicest white wheat that grows, is cleaned, steam-cooked, shredded and baked in the finest and cleanest food factory in the world.

"Its All in the Shreds"



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THE CANADIAN SHREDDED WHEAT CO. Ltd.

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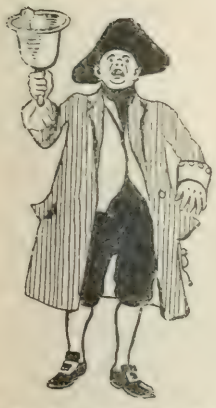


Guelph-Ward Ho!

TAKE UP THE CRY; SHOUT IT FROM THE HOUSETOPS; AND JOIN THE MERRY-MAKERS AND YOUR FRIENDS AT

Guelph's Old Home Week

AUGUST 2, 3, 4, 5, 6, 1908

Your welcome will be boundless—your entertainment limitless. SO LET IT BE—"GUELPH-WARD HO!" and pass it on to your friends.

WRITE FOR FULL PARTICULARS AND RAILROAD RATES, AND PASTE THIS IN YOUR HAT.

J. M. DUFF,
Chairman.

J. M. STRUTHERS,
P. O. Box 544, Secretary.

It was reported at a meetlng of the Yarmouth branch of the People's Fish and Game Protective Society of Nova Scotia that Darling's and Holmes' Lakes had been examined by officers of the Marine and Fisheries' Department with a view of re-stocking these waters with black bass. The officials in charge of the government hatcheries also wrote stating that salmon fry for placing in Tusket and Salmon Rivers would be supplied. The changes made by the Legislature in the new game Act were approved. All guides are made ex-officio game wardens. It was reported that several pairs of pheasants have been liberated in the county and arrangements are in progress for the importation of quail during the present season. Reports were handed on to the proper officers of the setting of salmon nets in the Tusket River and the dumping of sawdust in the streams by the smaller mills. There was a small balance against the branch but it is expected this will be easily cleared off.

The twenty-eighth edition of the well known booklet on "Fishing and Shooting" has been issued by the Canadian Pacific Railway. The booklet is enlarged in title as well as in bulk and now includes "Canoe Trips and Camping." Much of it has been re-written and the whole brought up to date with many new cuts, a map and some most interesting and original matter. It is a supremely difficult task to cover the sporting advantages of Canada in a booklet of eighty pages, but the seemingly impossible is achieved and the big game hunter or fisherman who cannot plan an outing from the information here given him must have something wrong in his constitution. The description given is pointed and terse and so well expressed as to be inclusive. In Big Game Shooting the whole of the big game animals throughout Canada are dealt with, while Small Game Shooting is similarly complete. In fishing, salmon, trout, bass, maskinonge, ouananiche, and Canadian pike all receive adequate treatment—at least as adequate as can be expected in such a publication. In Canoe Trips and Camping the Upper St. John River, N.

B.; the Tobique River; the Ottawa River; Kawartha Lakes and Moon River; Temiskaming and Kipawa; Nipigon River; Hudson Bay; Lake of the Woods and British Columbia are all treated. Special attention is given to the game of the latter Province, and many seasonable hints, to which the attention of the tourist may well be directed, are given under the heading of Tents, Canoes, Guides and Supplies. Open seasons with summaries of the Game Laws throughout Canada and particulars of the C. P. R. Hotel System complete a work of reference which can be perused with profit by every sportsman and should prove of untold value to the numerous visitors who now find in the Dominion fishing and hunting territories and canoeing and camping facilities unequalled elsewhere.

It is worth noting the advancing strides of a well known Toronto business house which started from the foot of the ladder as it were, and has been steadily climbing upwards. By recent changes this house has apparently reached one of the highest rungs on the ladder of business fame They started in a very small store on King Street four years ago under the name of the Warren Sporting Goods Co., and by the energetic business ability of their President, Mr. A. Fenn, have worked up an exceedingly large mail order and local business connection throughout Canada and the United States. Mr. Fenn has had an excellent training, serving his apprenticeship in, and latterly being manager of one of the largest wholesale and retail sporting goods stores in Canada. He has been fortunate in securing control of such a firm, and the success of his efforts to serve the sporting public, honestly and faithfully is assured. He has decided to change the name of the firm to A. Fenn & Co. which will allow all customers to come in closer contact with the management and thereby serve a long felt want. The new firm will carry in stock the exact requirements of the trade. They have already added to their la ge stock of guns, rifles, and ammunition, a complete line of Spalding base ball, tennis, golf, foot ball, lacrosse, cricket and athletic goods, and as they intend to cater exclusively to the sporting goods trade, it is fairly certain that with their experience and facilities for carrying on a high class trade their further extension and success is sure.

There is no better guide than experience and knowing this full well the Marble Safety Axe Company of Gladstone, Mich., value the following unsolicited letter received by them from Robert S. Foss, Captain and I. R. P. 2nd Regiment N. H. N. G.:

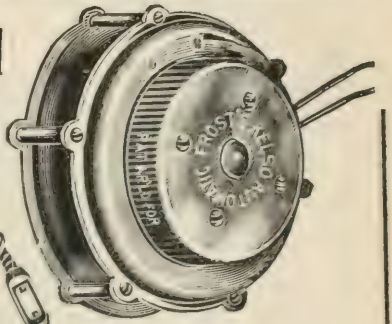
"Marble Safety Axe Company, Gladstone, Mich. Gentlemen: The sample of Marble's Nitro Solvent procured from you came duly to hand and I have given it a very thorough trial in the Krag Rifle. I used the Solvent according to directions after each use of the rifle during the season of 1907 and at the close of the season, October 31st, I carefully coated the bore and placed the rifle in the case where it has remained untouched for nearly five months and today I find it in first class condition for which the Solvent is largely responsible. After careful trial I can honestly and very cheerfully recommend Marble's Nitro Solvent Oil to be all that its name implies. Incidentally, I would say that I have had fifty years experience in the use and care of rifles."

A free sample of this wonderful oil will be forwarded to any of our interested readers who will make application to the Company for the same and further particulars will be found in an advertisement in another page.

A few changes have been made in the game laws of Nova Scotia during the session of the Legislature that has just closed. The administration of the law is vested in three Commissioners to be appointed by the Lieutenant Governor in Council. The open and close seasons for the different kinds of game remain practically the same as last year, also the licenses for non-residents. The most important change so far as non-residents are concerned is the repeal of a clause that in some way crept into the last year's act, by which non-resident sportsmen were not allowed to take away the head of a moose killed by them unless

SOMETHING NEW AND PRACTICAL

Frost's Improved Kelso Automatic Reel



Capacity 100 yards. Case of aluminum, satin finished, steel bearings, only 7½ ounces. It is both light and strong. With ordinary care it should last a lifetime. Can use on rod either above or below hand. **Guaranteed.** Price $5.00. If your dealer cannot supply you, send his name and address to us, and we will fill your order through him. The **"KELSO"** brand LINES, REELS, RODS, LEADERS, FLIES and HOOKS are as good as can be made.

Manufacturing and Jobbing. Fishing Tackle is Our Business Exclusively. Headquarters for Everything Required by Anglers. Catalogues to the trade only.

KELSO PEARL BAIT.

Something New in Artificial Lures.

This bait is made from pearl and the right shape is selected to make the pearl spin perfectly. This is one of the most killing lures ever put on the market, and there is something about the glitter of the pearl in the water that is much more attractive to game fish than any metal. If you have not seen them send for samples and prices. We have all sizes from the smallest bass spinner to the 3¼ inch Muskalonge size.

H. J. FROST & CO., 90 Chambers Street, NEW YORK.

TAKE ADVANTAGE OF OUR NINE LIVES

YOU do not want doped Batteries with high amperage and SHORT LIFE—BUT you want RIGHT AMPERAGE with LONG LIFE. How about NINE LIVES? such as

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will show. They are made to give LASTING satisfaction. No Battery Troubles with X Cells. No better spark by any other cells.

Years of experience in Europe and in the States, ample capital, LIBERAL BUSINESS POLICY are back of us.

Don't ask your dealer for imported shelf worn dry batteries, get THE Battery made in Canada.

If your dealer does not handle XCELLS write us, you will get them from us at factory prices.

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FAMOUS

Nipigon River

Finest Brook Trout on the Continent.

We carry a complete line of Tourists Supplies, including Canoes and Camp Equipment.

For further information write for Pamphlet with Map of River and Lake free of charge.

Revillon Bros., Ltd.

(Established 1723.)

NIPIGON, ONTARIO.

A 71 lb. Catch.

mounted. This was considered to be so unfair that the members of the People's Game Association spared no effort to procure its repeal with the above result. Some further minor changes were also made all tending to the restriction of the killing of game. Nova Scotia as a moose country is not surpassed by any part of the Dominion, and in no other province are the hunting districts so easy of access. The red deer introduced some years ago are increasing rapidly and are protected until the year 1912. With no wolves to kill them this province should eventually become an ideal resort for deer.

A lot of interest has lately been taken in the Alberni District of Vancouver Island, noted as one of the coming ports and residential places of British Columbia. We have had special information that there is practically no land there which is available for pre-emption, so that persons going there with the idea of getting free land will be disappointed. The only way in which land can be acquired in the district at present is by way of purchase from the present holders. The land is all more or less heavily timbered and the greater portion is held under timber licenses, but of course as the timber is removed it becomes valuable for farming purposes. The prices vary very considerably running all the way from $7 50 to $100 per acre, according to location, etc. We have no doubt however that this is a very coming place with its exceptional seaport advantages, having a magnificent harbor with deep water all the way to the Pacific Ocean, and yet being easy of access from Vancouver to Victoria.

A correspondent writing from Saskatchewan states that he was out on Good Friday shooting the festive gopher with a .22 rifle. He saw the ducks and geese going north in thousands. Of course they are protected throughout Canada in the Spring but the sight caused all who witnessed it to think of the fall and of the good times in prospect.

Mr. J. Jones, the Lindsay, Ont., Fish and Game Overseer, made a haul of some fifty or sixty feet of net, which had been set for maskinonge in the Gull river, just a short distance up from the lake.

THE TRAP

Rod and Gun and Motor Sports in Canada is the Official Organ of the Dominion of Canada Trap-shooting Association. All communications for this department should be addressed to W. A. Smith, Editor "The Trap" Kingsville, Ont.

Tournament Dates

July 1st—St. Catharines.
July 3 and 4—Thomasville, Georgia. Canadian shooters invited and will be made welcome.
August 5, 6, 7—Dominion of Canada Trap Shooting Association, Sherbrooke, Que.
September, 9, 10, 11 and 12—Tournament of the Canadian Indians at Niagara-on-the-Lake.

Stray Pellets

St. Catharines Gun Club will have a tournament on July 1st at which cash prizes will be offered. The Club promise a "good time and a square deal to any Canadian shooters who may attend."

The mail vote of the Canadian Indians has resulted in the selection of Niagara-on-the-Lake as the place of their next annual tournament. The tournament has been registered and will be held on Sept. 9, 10, 11 and 12. There will, however, be only one day of practice shooting and two days of competition. The splendid Queen's Royal Hotel will be headquarters for the tribe. The shoot will be held on the common facing Lake Ontario, so the back ground will be uninterrupted. The hotel, golf links, and club house, bowling greens and tennis courts will be at the disposal of the shooters. Everything possible will be done to make the outing pleasant. An effort will be made to secure the co-operation of the American Indians and those of the Tribe who attend their tournament at Sandusky in June will be a committee to endeavor to secure their attendance and make it a joint shoot.

A gun club has been formed at Petrolea, Ont., with the following officers: Mr. J. B. Dale, President; Dr. C. O. Fairbank, Vice-president; Mr. M. Broderick, sec.-treasurer. The club starts with about thirty-five enthusiastic members.

In the Stanley Gun Club shoot at Toronto, April 9th, the five high men in the handicap series were Messrs. Vivian, G. Scheibe, Ely, Edkins, and Dunk. All shot at 25 birds, the score being: Dunk 22, McGill 20, P. Wakefield 20, Sheppard 16, Massingham 19, Ely 24, Edkins 23, Houghton 20, Albert 15, A. Marsh 17, F. Scheibe 19, Hulme 21, Fenton 17, Vivian 25, G. Scheibe 25, Fritz 21, Lawson 21, Sawdon 20.

Olympic Trial Shoot.

The three-day shoot held on the Exhibition Grounds, Toronto, May 20, 21, and 22, under the management of Parkdale Gun Club, was attended by a representative gathering of Canadian shooters, though some of the best shots were for one reason or another, unable to be present. The fifteen high guns for the first two days shot off on the third day for a place on a team of six to represent Canada at the International Olympic contests at London, Eng., in July.

The shooting was over Leggett traps and at Cleveland targets. The weather conditions were bad for high scores and very few of the contestants were able to make, what on paper at least, was a creditable score. The names were sent to Ottawa and a team of six will be selected from the list, no doubt in the order of the scores of those who can make the trip. We understand that J. E. Jennings, for business reasons, will be unable to go.

Following are the scores of those who shot the full card of 200 targets:—

First Day.

	S. A.	Bkn
G. Beattie	200	181
A. W. Westover	200	177
Dr. Wilson	200	175
G. Vivian	200	175
J. Jennings	200	173
M. E. Fletcher	200	166
G. M. Howard	200	166
W. H. Ewing	200	164
D. McMahon	200	158
G. Dunk	200	160
H. A. Horning	200	158
G. McGill	200	155
E. Williams	200	154
W. Fenton	200	154
P. Wakefield	200	151
S. Bennett	200	147
E. J. Marsh	200	147
W. A. Smith	200	146
W. P. Thompson	200	143
S. S. Brooks	200	141
F. A. Parker	200	133

Second Day.

Dr. Wilson	200	181
Geo. Beattie	200	181
J. Jennings	200	173
E. Fletcher	200	169
A. W. Westover	200	162
G. M. Howard	200	161
W. Ewing	200	160
G. L. Vivian	200	155
McKay	200	155
Geo. Dunk	200	152
W. Fenton	200	148
W. T. Thompson	200	147
P. Wakefield	200	145
E. J. Marsh	200	141
S. S. Brooks	200	138
Geo. McGill	200	137

Third Day.

The scores in the shoot off at 200 targets for place on the team of six were as follows:

George Beattie 193, J. Jennings 190, A. W. Westover 185, G. M. Howard 184, D. McMacken 176, Dr. Overholt 173, G. L. Vivian 170, M. E. Fletcher 169, F. A. Parker 161, W. Ewing 160, George McGill 156, G. M. Dunk 155, E. J. Marsh 153, P. Wakefield 152, S. S. Brooks 151.

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A Launch
A Rifle or Gun
A Camera
A Dog
A Fishing Rod or Reel
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An Automobile

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we will send
A PRIZE
COLLIE DOG
From the Celebrated
KING EDWARD COLLIE KENNELS New Toronto
A Collie Dog from these Kennels is a prize worth working hard for

A PAIR OF
LYMAN'S BOW FACING
ROWING GEAR
AND
OARS
will be given free to anyone sending 11 subscriptions to
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For full particulars write to the
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SMITH GUN WON THE GRAND EASTERN HANDICAP Philadelphia July 1906

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DETROIT MOTOR CAR SUPPLY CO.
1361 JEFFERSON AVE., DETROIT, MICH.

London Farewell Shoot.

Owing to the fact that the beautiful grounds heretofore occupied by them are required for building sites, a street being already laid out and graded up to the trap house, the Springwood Gun Club, London, have been compelled to seek quarters elsewhere. The fate of the Springwood Gun Club is the experience of very many shooting clubs everywhere, but especially those on the outskirts of growing cities. It is one of the necessities as well as one of the delights of the shooting game that it must be indulged in "far from the madding crowd." The advance of population compels the shooting Indian, like his copper colored brother, to "move on." This was the reason, therefore, for the giving of a farewell shoot by the club, on their old grounds on the afternoon of May 14th. The program was a short one of six events of 100 targets in all, with entrance for targets only and optional sweeps of $1.00. A long list of valuable merchandise prizes was the attraction. The first, second and third prizes were particularly choice, comprising a cut glass clock, value $25.00, a cut glass decanter, value $20.00, and a cut glass celery dish, value $10.00. These were all of the famous Hawkes brand and were generously donated by Mr. A. H. Clinger of the home club, the Canadian representative of the manufacturers, the well known firm of T.G. Hawkes & Co., of Corning, N.Y.

The first prize was landed by Geo. Beattie, Hamilton, who has been everything in sight this year with 94 out of 100. Second place was won by W. A. Smith, Kingsville, with a star performer of the home club new load that proved a winner, with 93, while B. W. Glover, the star performer of the home club, made good on the third prize with 92.

The principal averages made were considered extremely good considering the weather, a nasty rain all afternoon, accompanied by high winds, putting many a good shooter to the bad. A sliding handicap of 16 to 20 yards was used. The scores'—

	S. A.	Broke.
Geo. Beattie, Hamilton	100	94
W. A. Smith, Kingsville	100	93
B. W. Glover, London	100	92
F. Galbraith, Ridgetown	100	88
F. Kerr, Crediton	100	87
L. Trebner, Exeter	100	85
R. E. Day, London	100	84
W. P. Thompson, Hamilton	100	84
H. A. Horning, Hamilton	100	81
A. McMackon, Highgate	100	81
S. Fitton, Exeter	100	79
W. J. Kirbyson, Ingersoll	100	78
"Parker", London	100	77
G. Nichols, Ingersoll	100	76
D. Hartleib, Exeter	100	73
W. Morrison, Owen Sound	100	71
T. Carling, Exeter	100	71
W. Hollingshead, Dutton	100	70
A. Blackburn, London	100	70
"Blue Bill", London	100	67
E. G. Simcox, London	100	64
S. A. Webb, London	100	54
D. G. Reid, Bothwell	100	51
A. H. Clinger, London	100	46
H. Marlatt, Simcoe	80	60
A. W. Fisher, Stratford	65	46
E. Koehler, Wallacetown,	50	38

Blenheim Tournament

The annual shoot of the Blenheim Gun Club was held May 7th, in a nasty drizzling rain, alternating with high winds, which handicapped the competitors greatly. At times the wind would drive the powder back in the marksman's face. The first honors were landed by B. W. Glover, London, who had 147 out of a possible 175. J. Weatherall of Blenheim, was second, with 137, and F. Galbraith of Ridgetown, third, with 132. Scores:

	S.A.	Broke
B. W. Glover, London	174	142
F. Galbraith, Ridgetown	175	132
F. Conover, Leamington	175	124
W. E. Hall, Blenheim	175	124
G. Laing, Ridgetown	175	103
D. MacMackon, Highgate	175	122
M. B. Perdue, Chatham	140	98
"Blue Bill", London	155	107
J. Pillon, Blenheim	120	61
W. H. Nicholls, Chatham	155	78
C. Lynch, Blenheim	100	27
T. E. Taylor, "	50	27
P. Slater, Blenheim	175	83
M. Samson, Blenheim	175	117
J. Weatherall, Blenheim	175	137
L. Coffin, Blenheim	35	14
O. Gill, Blenheim	20	8
T. Pickering, Blenheim	40	25
G. Bowden, Blenheim	175	107
E. McGee, Blenheim	15	8
J. Samson, Blenheim	30	10
A. Cox, Blenheim	105	49
S. Burke, Blenheim	90	57
C. S. Sheldon, Blenheim	70	22
R. Hartford, Blenheim	35	
H.H. Burke, Blenheim	105	47
G. W. Knight, Blenheim	40	26
W. D. Samson, Blenheim	40	27
S. Hartford, Blenheim	55	37
E. Nichols, Blenheim	20	11
H. McDougall, Blenheim	40	16

EXETER SHOOT.

Left to Right—George Laing, Ridgetown; W. E. Hall, Blenheim; "Shorty" Cantelon, Clinton; R. E. Day, London; N. D. Hurdon, Exeter.

Hamilton Happenings

The Balmy Beach Gun Club members of Toronto, were the guests of the Hamilton Gun club on Saturday afternoon, April 9th, when a 25-target team race was shot, eighteen men per team. The local club won out by a score of 288 to the Balmy Beachers' 274, but they had to extend themselves all the way, as the result was in doubt up until the last squad had shot. Good scores were made impossible by a strong southeast wind, which at times increased to a hurricane. The scores:

Hamilton—Crooks 19, Barnard 18, Wark 15, J. Hunter 20, Bates 23, Beattie 20, Barnes 7, Bowron 10, Royal 12, Grant 15, W. P. Thompson 20, Konkle 15, Dr. Wilson 19, A. Lee 16, Oliver 15, Moxwell 9, Cline 17, Palmer 14, Fletcher 18, Waterbury 18, Watson 11 Total 288.

Balmy Beach—Mason 20, Ten Eyck 14, A. Shaw 14, Boothe 11, Lyonde 20, Casci 19, Draper 16, W. Hunter 11, Seager 18, J. G Shaw 11, Craig 16, Ross 21, Gerow 10, McGaw 16, Lyne 15, Tremble 7, Smith 14, Davis 21. Total 274.

Riverdale Beat Brampton.

Some members of the Riverdale Gun Club of Toronto, journeyed to Brampton on May 13th, to shoot a friendly match with the Brampton Gun Club. The weather conditions for shooting were very favorable indeed, and a pleasant afternoon's sport was indulged in.

The hospitality and good fellowship exhibited by the Brampton Gun Club towards the Riverdale members branded them in the eyes of the Riverdale Club as good fellows and worthy sports for ever and ever. The match was shot off at fifty targets in two relays of 25 targets each, the Riverdales winning by the small margin of three. Appended are the respective scores made:—

Riverdale—G. Gordon 46, J. E. Jennings 43, J. Miller 30, D. Dalton 38, F. Bredannaz 38, W. Lowe 36, C. Davidson 35, W. Pedrick 35, W. Best 32, F. Powell 27. Total 369.

Brampton—C. J. Packham 44, C. Wilson 44, S. White 42, R. Fletcher 41, F. Henry 37, J. S. Beck 34, F. J. Peaker 33, J. Campbell 31, W. Fletcher 31, W. Welsh 29. Total 366.

EXETER SHOOT.
Some Shooting Stars. Right to Left— B. W. Glover, winner Huron Indian championship cup; Fred Kerr, winner second average, and J. Triebner, winner third average, also runners up for the Cup.

The J. Stevens Arms and Tool Company of Chicopee Falls, Mass., advise that they have issued a new series of Stevens Gallery Targets, one of each being included with each box containing a Stevens rifle as heretofore. These targets are manufactured of superior stock and illustrate on reverse side the composite group of one hundred consecutive shots made by A. Hubalek at the 1908 tournament of the Indoor Indoor .22 Caliber Rifle League, where a Stevens Rifle and Stephens Telescope were decided factors in winning she championship match. Messrs. Stevens will be pleased to furnish at actual cost a supply of targets to any rifle organization of recognized standing.

* * *

The trapshooters of Thomasville, Georgia, extend a special invitation to the gunners of Canada to attend their fifth annual tournament on July third and fourth. Two automatic traps will be in use for two days. Eight to ten handsome prizes, $250 added money, twelve events each day, 20 targets. The secretary adds: "The fun will be rich, our hospitality will be richer, our welcome golden."

* * *

Several victories have been won across in the States with the Lefever gun. At the Kansas State Shoot, Mr. Arnold scored 605 out of 650 targets, winning high amateur average. Dr. Gleason at Bedford, Mass., won a similar distinction. Both gentlemen used Lefever guns. At Glen Falls a candidate shooting with a Lefever gun divided first honors in the high amateur average. The owner of a Lefever gun enjoys the advantage of guaranteed patterns of 75 per cent. or over with even distribution of the shot, the latter due to the taper boring, a distinctive feature of the Lefever guns.

An Interesting Discussion. On the right— W. Morrison, winner high average, with Mrs. Morrison and Mrs. S. Fitton.

THE RIFLE

At the weekly shoot of the Glen Grove Rifle Club, Toronto, on April 25th, Mr. Sam— Madill, one f the members broke all Canadian records for offhand shooting by making a score of 97 points out of 100, at 200 yards. This score has never as far as can be learned been made in Canada, and is only one point below the world's record of 1898, made by Mr. Wentworth, a noted American shot, some years ago. The shooting was at 200 yards, off-hand, on Standard American targets, and witnessed by a large number of the Club members. Score 9, 9, 10, 12, 9, 12, 11, 12, 10, 10—97.

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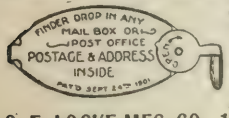
Unusually novel and practical. Only Key Tag which makes it easy for the finder to return lost keys without cost or inconvenience. Two parts hinged together. Name, address and postage on inside. Finder simply reverses and drops in nearest mail box. Avoids necessity of offering reward for return. German Silver handsomely made, 25c postpaid Agents wanted.



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"THE ART AND LITERATURE OF BUSINESS"
By Charles Austin Bates
Complete, in six volumes, will be sent FREE to anyone sending

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These volumes enter fully into methods suitable for all kinds of business and point out methods leading to success. The books are bound in cloth, will make a fine addition to any library and to the young student will furnish an excellent business education.
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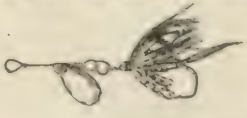

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Written testimony of the wonderful results obtained by this method reach the Toxico Laboratory, 1123 Broadway, New York City, every day, and in order that every one may test Toxico's merits, a demonstration of the method, also a treatment, will be mailed free of cost to any request.

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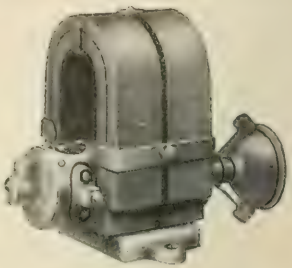

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A reliable canoe for camp use
Dependable in tight places
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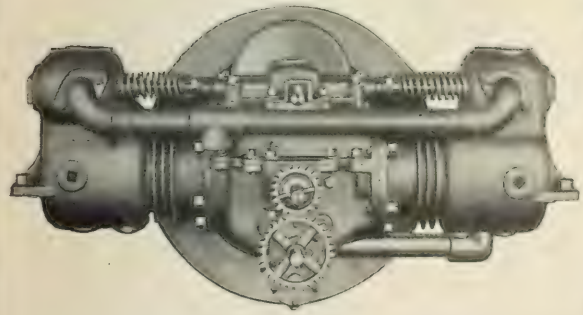

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SIZES: 28 H. P. four cylinder vertical.
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Normal speed 1000 revolutions per minute.

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LOW PRICE

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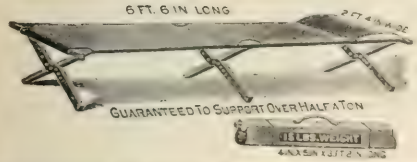

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New Model 1908

High-Grade Motors at a Reasonable Price

BUILT FOR WORK

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Sizes 3½ to 25 H P.

Exclusive features found on no other motor

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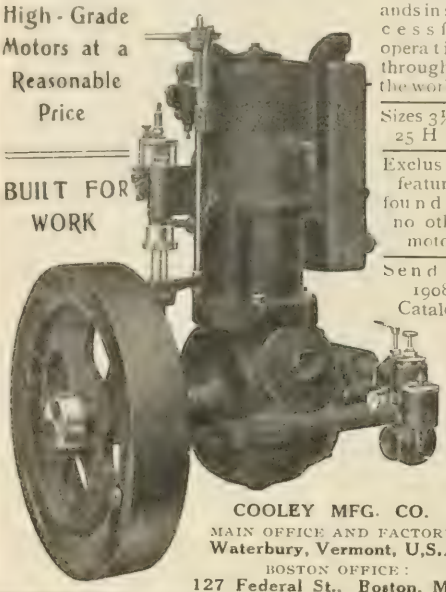

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Our specialty is Split Bamboo, Bethabarra, Greenhart, Dagama and Lance Wood.

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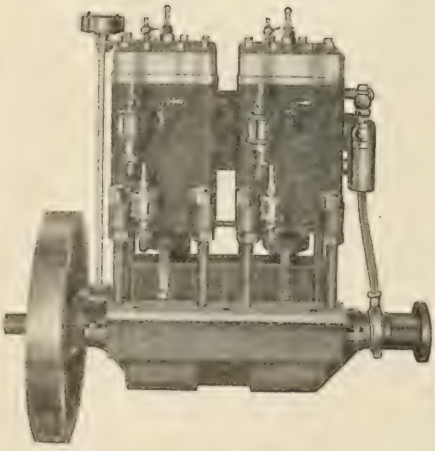

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Two Cycle Open Crank Case

The **OPEN BASE** feature of Moore construction is what makes a "Moore Motor" superior to any. It combines the advantages of both the Two and Four Cycle Types, without the disadvantages of either. Catalog and Price List on request.

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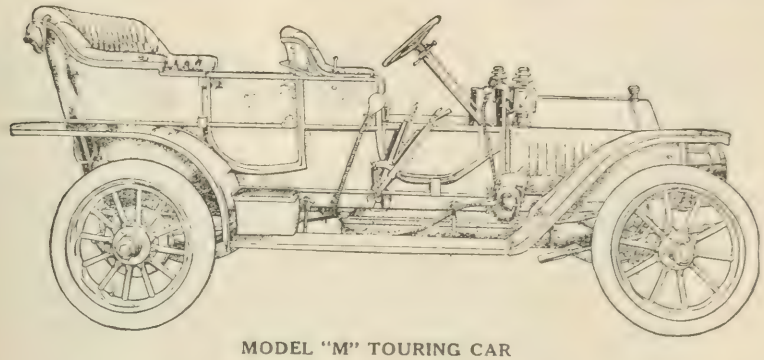

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An Ideal Investment

What investment can you make that will yield you the positive dividends in Health, Happiness and Comfort than an

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will bring to you and your family?

It is the every day, year-in-and-year-out service which makes the Oldsmobile a necessity to so many modern homes. Then too, there's a lot of satisfaction in knowing that the car in which you invest is standarized—that it will be style this year and next—and for years to come.

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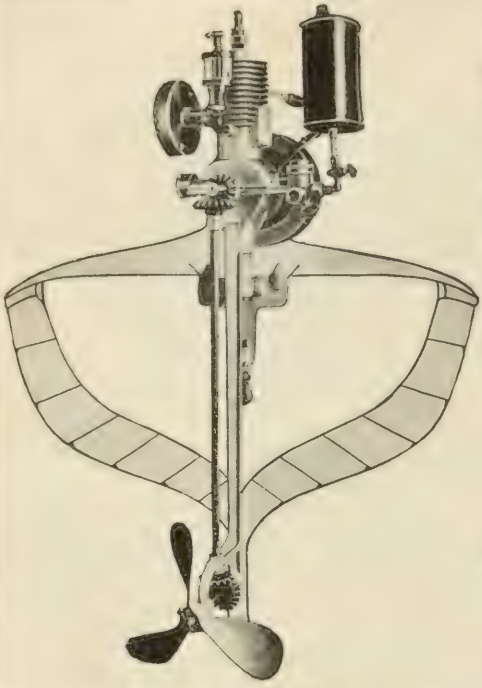

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2 H. P. Weight 40 lbs.

Can be instantly attached by two thumb screws to the transom of any row boat. Engine is air cooled. Just the engine for anglers and owners of dinghys and sail boats. For particulars address

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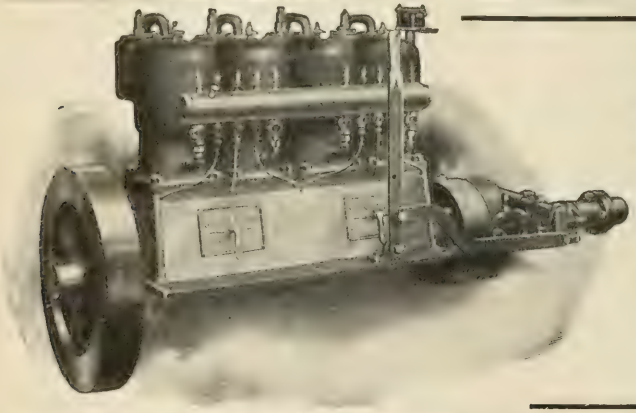

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Four Cycle
Single and Multiple Cylinders
2 to 80 H. P.

For particulars address

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AUTO BOAT AND AUTO MOTORS

10--12 H.P.
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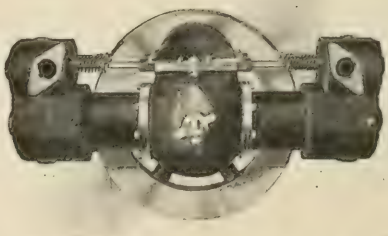

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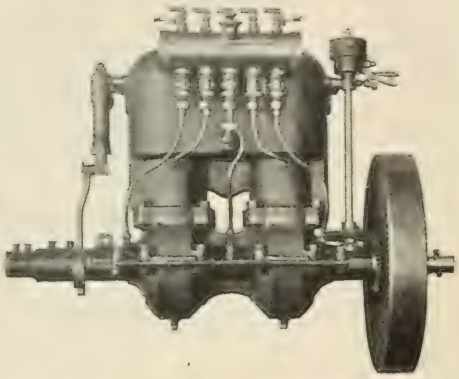
Unsurpassed for simplicity, reliability, durability. Few parts. Easily understood and most reasonable in cost.

Model A



2 cylinder—2 cycle; built with the cylinders and head in one piece; no joints to leak. Cylinders quickly removeable. Ignition is jump spark with vibrator on spark coil and spark plug. Small plunger pump insures perfect circulation of water in cylinder—can be fitted to use as bilge pump. Can be reversed instantly while running, and runs with equal power in either direction. Equipped with rotary timer and multiple sight feed oiler. Thoroughly solves the problem of economical power for motor boats.

6 h.p. 150 pounds. 10 h.p. 200 pounds.

The best motor ever built, quality, price and equipment considered. "From start to finish" this Waterman Model X is a motor that will give the service expected every time, and the user will escape the many annoyances and troubles and disappointments so common to gasoline marine motors. This is because of the correctness of the scientific principle it embodies; the exceeding simplicity; it is easily understood by even the inexperienced motorist; there are so few parts; there is nothing to get out of order; and it is constructed from the very best materials, by thoroughly skilled mechanics, and every one is fully and specifically tested before shipment. Send for Catalogue and full descriptive matter, it pays to be on the right side.

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But send for the Catalog. We urge you to investigate the Waterman Marine Motors. You don't buy a motor every day you don't want to pay for mistakes. A Waterman Motor will not disappoint you.

WATERMAN MARINE MOTOR CO.

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4—Will not get sticky. Will not gum or harden. Can be safely used in all locks. Chemical tests show that there is no acid in this oil and also that no acid or corrosive properties remain in the residue of any powder after being treated with Marble's Nitro-Solvent Oil.
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7—It is an extremely valuable lubricant for high speed, as well as other machinery, mechanisms and vehicles. It wears exceedingly well and prevents wear. Goes farther than any other oil.
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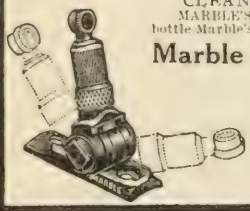

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We are Designers and Makers of

High-Grade **Fishing Tackle**

of genuine merit—Reels, Baits, Flies and Sundries of approved worth. A Pflueger product is made for use—not merely for sale. Our patented novelties — and they are legion for every style of fishing —are practical helps—not gimcracks

They are baits you can bank on **PFLUEGER'S LUMINOUS**

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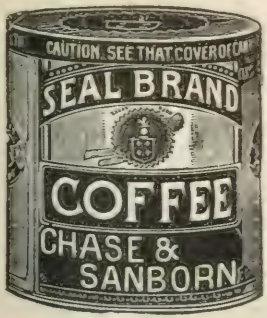

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and insist that your barber use it also. **It is Antiseptic** and will **prevent** any of the skin diseases often contracted.

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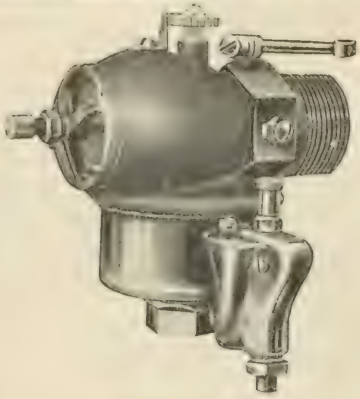

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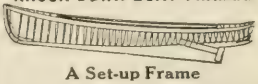

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I can in many cases supply knock-down frames allready to put together at a **lower price than you would pay for suitable raw material.** Every piece is accurately shaped and machined ready to put together. All patterns and illustrated instructions needed to finish the boat—sent free with knock-down frames.

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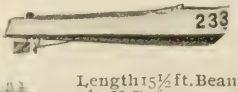

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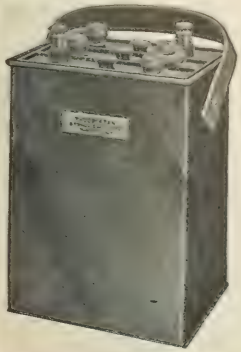

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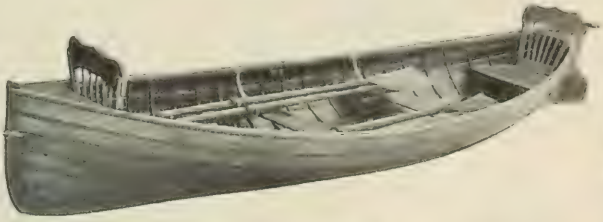

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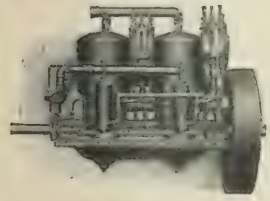

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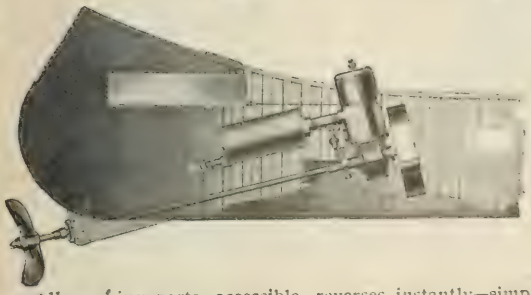

The Kerosene Generator is different from any other type as it forces the charge directly into the cylinder without drawing it into the base of the engine, first heating it with hot air. It vaporizes kerosene as thoroughly as gasoline. It is absolutely certain. Entirely economical and simple in its operation Produces more power. Base firing and flooding are impossible.

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FOR CANOES, DINGHEYS, ROWBOATS AND SMALL TENDERS

Thoroughly reliable, easily installed

No gaskets or Packing of any kind used. No Valves, Springs, Triggers, Cams nor Gears.

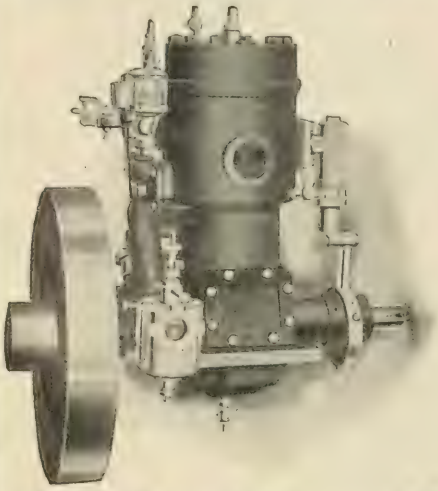
All working parts accessible—reverses instantly—simple construction—easily operated. 3 H. P. One Cylinder. Weight 50 lbs. Send for our Marine Bulletin. We specialize : each one of our engines is absolutely the best of its class from schooner to canoe.

DINNING & ECKENSTEIN

MERCHANTS BANK BUILDING, MONTREAL

Judge by Results——

In Buying a Marine Motor

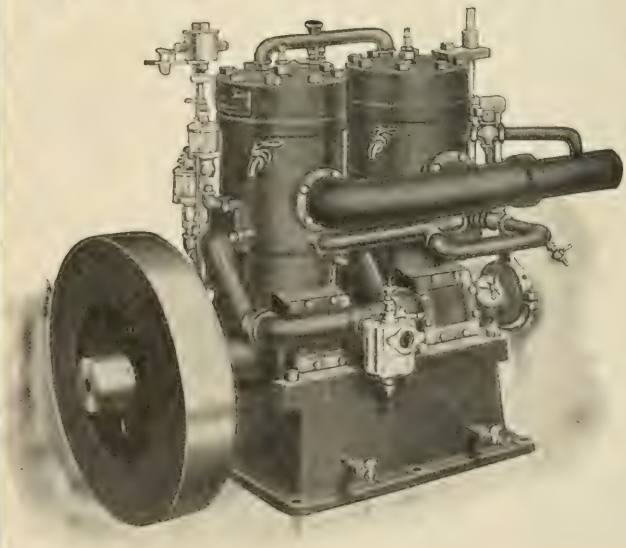


In this day and age only results count—you know it. And this rule applies just as much to marine motors as to anything else. It makes not a particle of difference who made it or what the price is, a marine motor is worth only what results it gives you. These results are:

1st—Dependability
2nd—Power (at normal r.p.m.)
3rd—Fuel Economy.
4th—Long Life.

The Hildreth Motor is not the cheapest in a money sense; but viewed in the light of results is the cheapest. You can get so-called "motors" (bare) as low as $20.00, that are fit only for the scrap heap after one season's work (and mighty unsatisfactory work too.) When all is said and done, the persistent ever present fact remains that the cheapest marine motor is the one that gets the most and best results—the one that makes the round trip. And that is what the Hildreth motor will do. It is the cheapest priced motor on the market, quality considered; and without quality a motor is not cheap at any price. It simply wastes your time, money, temper and gasoline,—truly a poor "bargain." As for our motor, we guarantee every statement we make about it. Our complete factory stands back of the guarantee.

Hildreth - Marine - Motors



Main bearings are so securely packed that there is no waste of gasoline mixture during crank case compression.

Extra long bearings—that means long life. Elevated timer permits easy observation and manipulation. Both wrist pins are hardened steel; connecting rod, pump and eccentric strap are bronze; nickel babbit is used.

Hildreth Motors deliver more horse power per dollar of selling price than other motors because they are scientifically designed by an expert, are made under skilled supervision, and sold on honor under a positive guarantee.

The Hildreth Manufacturing Co., 713 Sheridan Avenue, Lansing, Mich., will gladly send their handsome catalog showing the full line of motors from 2 to 25 h. p. and giving complete particulars, to prospective purchasers who give size of boat and power desired. Write today.

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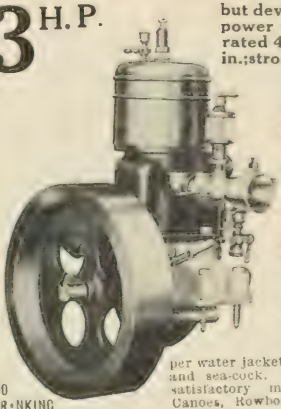
PROPRIETOR

Alexandria Bay, - N. Y.

The Refined Motor

3 H.P.



but developing as much power as other motors rated 4 H. P. Bore 3½ in.; stroke 3½ in; turning a 12 in. propellor, 17 pitch, 200 to 800 revolutions a minute. Weight 78 pounds. Reliability, strength, simplicity, power and durability. Only four movable parts. Exclusive float feed carburettor. No valves, springs, triggers, cams, gears, gaskets nor packing requiring attention. All bearings bronze bushed. Crankshaft hardened and ground. Cylinder, piston and rings ground. Spun copper water jacket. Pumps from bilge and sea-cock. The one-sure-to-be satisfactory motor for Launches, Canoes, Rowboats, Dories and Dingheys. We devote all our skill and thought on this one motor. It is a little whirlwind for power, the biggest motor value and satisfaction in the world. Every one fully tested and guaranteed for two years. It's the motor you want. Price of motor complete for installation, $50. Immediate delivery. Write for catalog and address of nearest agent

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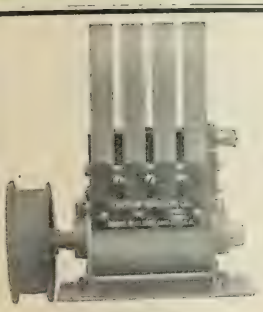

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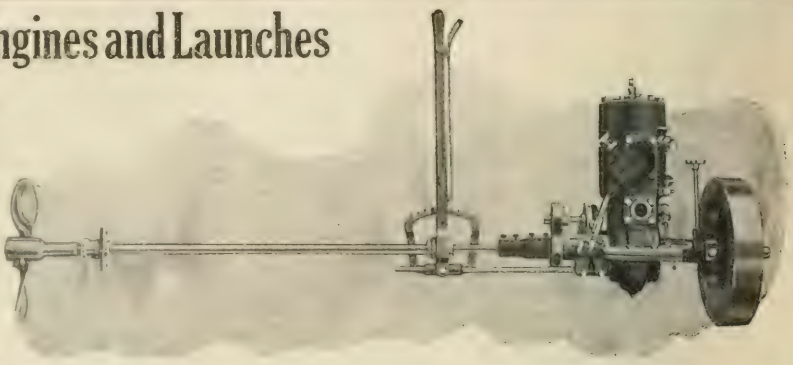

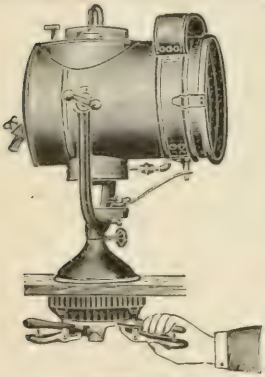

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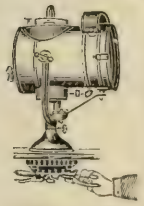

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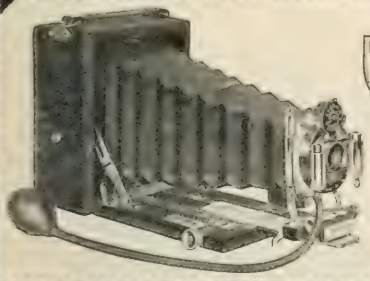

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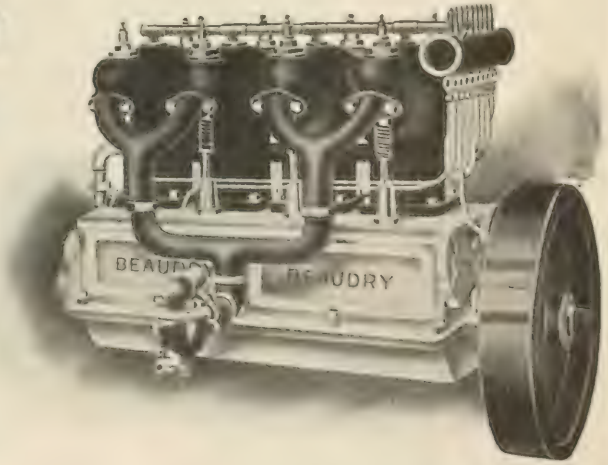

44 SPECIAL 44

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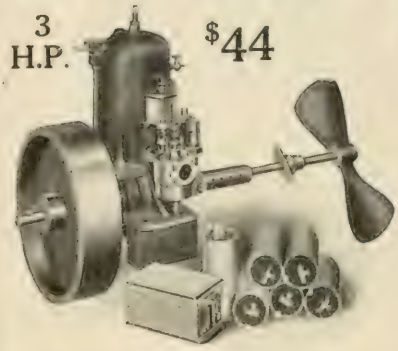

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These parts consisted of crank shafts, connecting rods, carburetors, and commutators. As these parts were of no use to the Ferro Machine & Foundry Co. nor to anyone else in this partially completed state, it was recently decided to finish and assemble these parts and put these engines on the market at less than cost, so as to clear up this extra stock at once.

44 How do these motors look to you, also the price 44

Write To-day for our 1908 Special Bargain Sheet which will give you a complete description of these engines and WHY we are offering same at these low prices, also testimonial letters. See our other ad. on page 70 of this issue.

80 You can't afford 80 to overlook it

Here is the biggest real bargain in Gasoline Marine Engines you have ever seen, A new Three-Horse-Power Engine for $44.00. Or a New-Six-Horse-Power Engine for $80 00.

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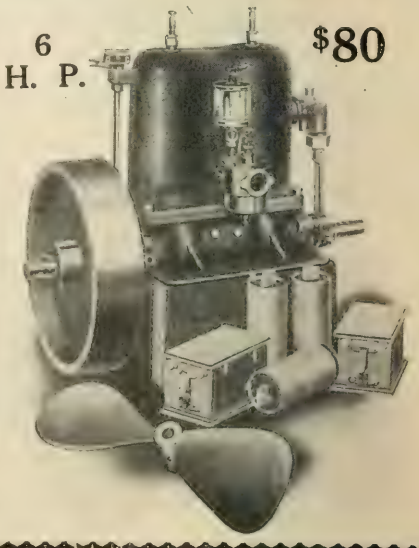

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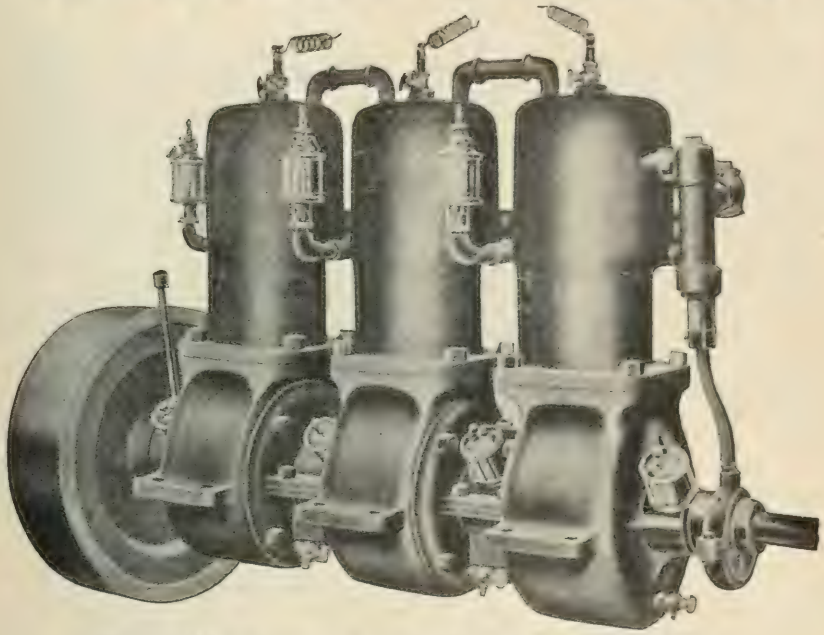

For Marine and Stationary Use

We make no effort to have the cheapest motor on the market, but we offer an unusual combination of *quality* and *low prices*, giving buyers more actual engine value for their money than any other manufacturer. We are able to do this because we save money from the beginning and all the way through. We manufacture in quantity; sell by mail for cash; and have no travelling agent; every engine sold is an agent.

We know so well the efficiency and worth of "Honest Injuns" that we can sell them under a guarantee that can not be equalled by other manufacturers, for it would force most of them out of business.

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Buy the "Honest Injun" and Get Real Engine Value and Plenty of it.

It needs no further comment as it has no equal, simply a solid block of power and speed, always reliable. We are able to fill orders at short notice. Try us and see.

H.P.	Cylinders	Bore	Stroke	Revolutions	Others Rate Similar or Smaller Engines as	Bare	With Full Accessories
2	1	3	3½	600	3, 3½ and even 4 H. P.	$70.00	$100.00
4	1	4	4½	600	5, 5½ and even 6 H. P.	90.00	125.00
5	1	5	5	500	6½, 7 and even 8 H. P.	110.00	170.00
8	2	4	4½	600		150.00	210.00
12	2	5	5	500		220.00	280.00
16	3	4	4½	600		250.00	300.00
18	3	5	5	500		300.00	375.00
24	4	5	5	500		400.00	475.00

Accessories supplied with the "Honest Injun" Marine Motor:—Spark Coil, Spark Plug, Batteries, Float Feed Carburetor, Quick Receding Check Valve, Sight Feed Oil Cup, Compression Grease Cups, Switch, Wire and Connections, Stuff Box and Steam Bearings, Exhaust Pipe, Steel Shaft, required length, Coupling for Shaft, Propeller Wheel, suitable size.

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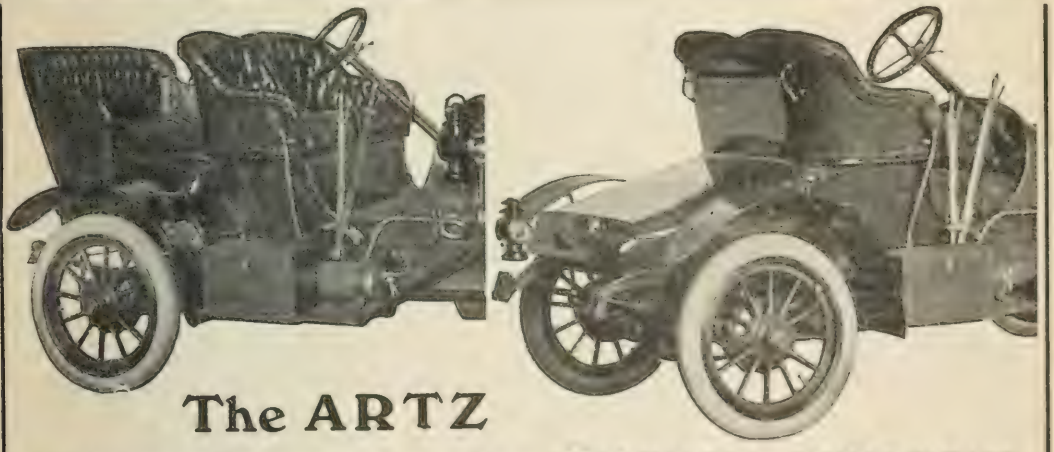

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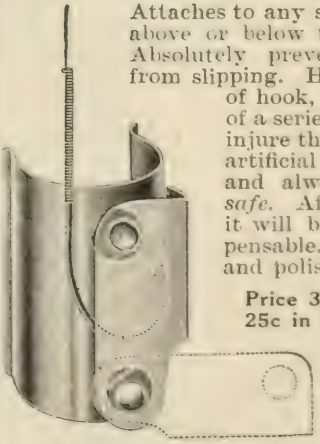

Attaches to any size rod, either above or below the reel band. Absolutely prevents the reel from slipping. Holds any sort of hook, single, or one of a series, and does not injure the fly or other artificial lure. Simple, and always sure and *safe*. After a first use it will be found indispensable. Nickel plated and polished.

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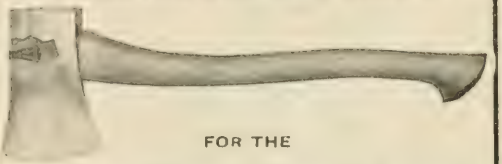

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Handle so shaped that it cannot slip or turn in your hand. Equipped with the JONES ADJUSTABLE HANDLE FASTENER, which keeps the handle always tight. When your handle breaks you don't have to burn it out. "JUST TURN THE SCREW."

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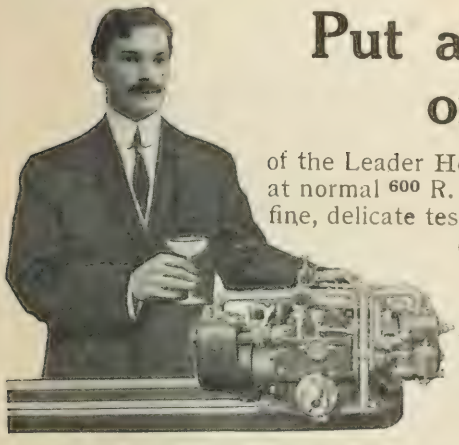

Put a Glass of Water on the Cylinder

of the Leader Horizontal Opposed Marine Engine, while running at normal 600 R. P. M. and not a drop will be spilled. This is a fine, delicate test and not another marine motor on the market could duplicate it. It simply shows that the Leader is the only *non-vibrating* marine engine.

There is a reason for it. The impulse vibration of one cylinder neutralizes that on the other, and practically eliminates vibration of the whole. The cylinders being opposed, take up all vibration between them, and the result is a silent, smooth running engine that can only be duplicated by an electric motor. Automobile manufacturers recognize this principle and use the horizontal opposed type of motor.

Do manufacturers of upright engines tell you because their crank shafts are fitted with counterbalance bobs they eliminate vibration? Well, don't you believe it. Ride in a boat with a vertical engine and then in one fitted with the Leader Horizontal Opposed Engine, and note the difference. Let their makers say what they will, it is absolutely impossible to prevent considerable vibration in upright engines; vibration means discomfort and boat injury.

Owing to its compactness, the Leader Horizontal Opposed Engine can be installed beneath an athwartship locker in a launch, under the cockpit floor of a cabin cruiser, and under the deck of an auxiliary yacht, thereby not consuming one inch of available passenger room. This increases the passenger-carrying capacity of your boat 25 per cent. or more.

The Leader is by far the cleanest engine on the market, and very convenient because every part is readily accessible. It starts from the switch; after that, all you have to watch is the course ahead.

The Leader was the first successful horizontal opposed 4-cycle engine placed on the market and to day it is easily three years ahead of it nearest competitor. I personally guarantee every engine that goes out of this shop because I know that it is perfect in every feature. Running, as we are, more than full capacity it would perhaps be a little cheaper not to give each one such painstaking care, but I will not permit an engine to leave the testing block until it has proven perfect in every part. Therefore, a guarantee from me with my long experience (22 years), and my personal standing in this field of work, means that you take no risk.

Write to-day for our Catalog No. 15-B, Free for the asking.

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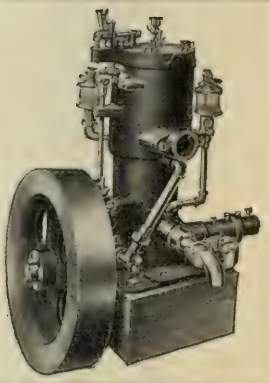

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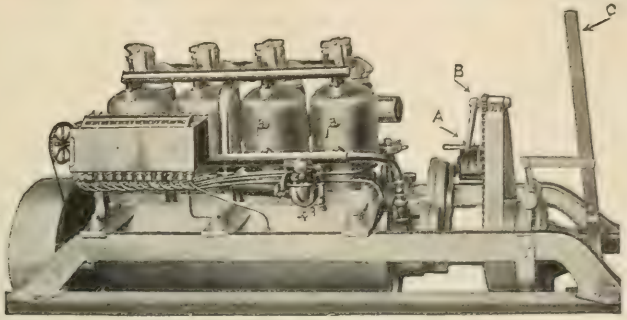

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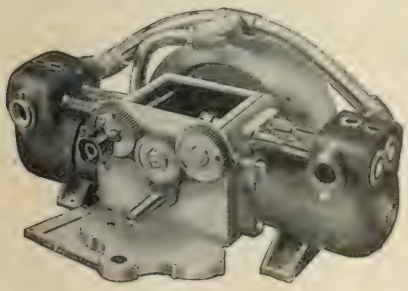

Kingston, Ont., Canada, Sept. 15th, 1906

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Investigate for yourself. We will cheerfully answer all inquiries.

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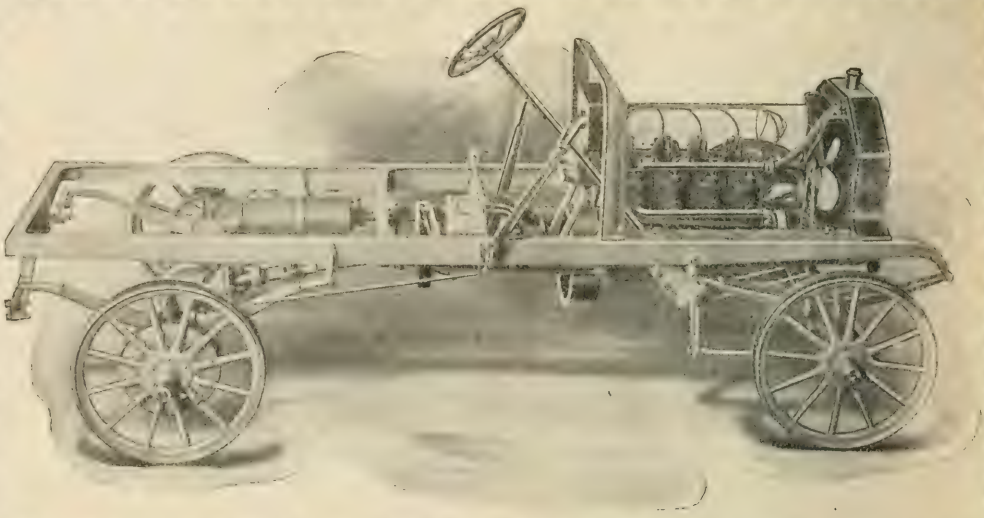

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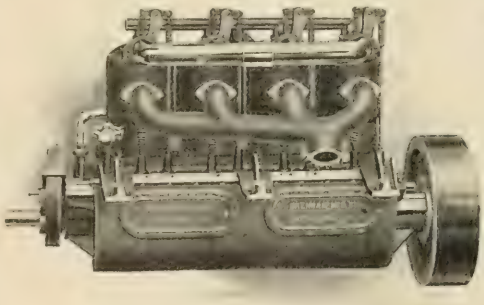

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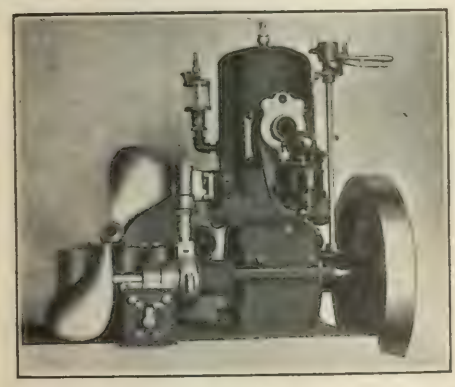

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Speed 800 R. P. M. Weight 160 lbs.

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Engines can be seen at work.

Write or call and we shall quote you our lowest summer cut prices.

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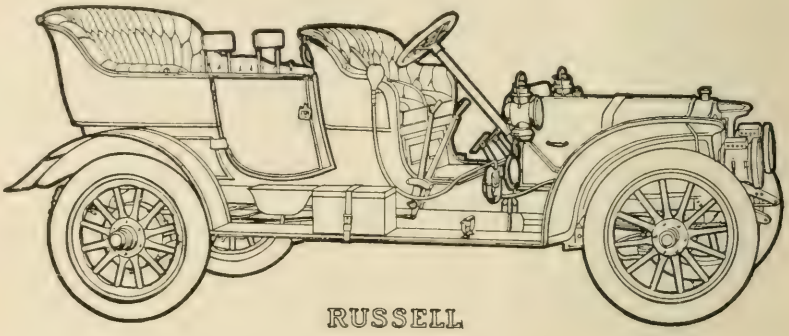
Webster's Unabridged says : "Harmony is the just adaption of parts to one another, so as to form a connected whole"—Russell spells Harmony. The Russell Motor Car is the natural result of a concentrated effort to produce a mechanical masterpiece in which Harmony is practised, not preached.



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Every individual part used in the construction of the Russell Car is made in the Russell factory. Every part is made to fit every other part, there is no conglomerating or tinkering with an engine made in one country and a gear made in another. The Russell guarantee covers not only the completed car, but every minute and individual part in its make-up.

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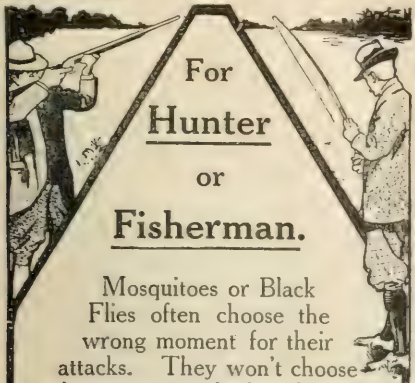

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Mosquitoes or Black Flies often choose the wrong moment for their attacks. They won't choose the wrong people though, and the wrong people for them are those who use

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20% Carbolic Soap,

Because both these and other insects avoid the presence of Carbolic.

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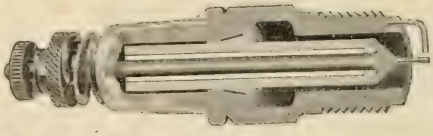

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Fastest Cruising Motor Boat in the World

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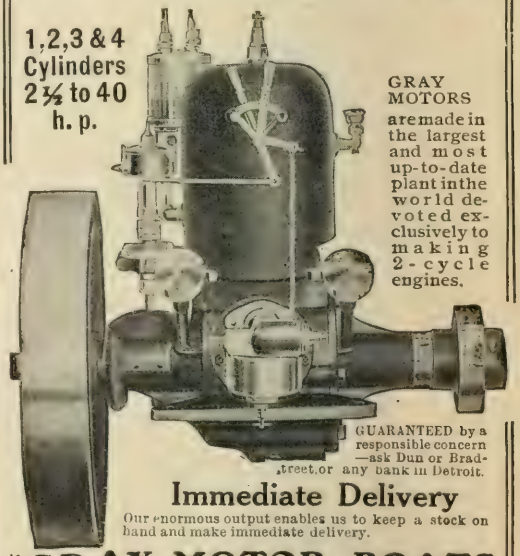
1,2,3 & 4 Cylinders 2½ to 40 h. p.



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GUARANTEED by a responsible concern —ask Dun or Bradstreet, or any bank in Detroit.

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Our enormous output enables us to keep a stock on hand and make immediate delivery.

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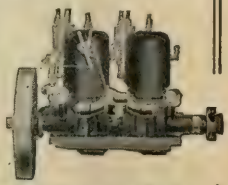

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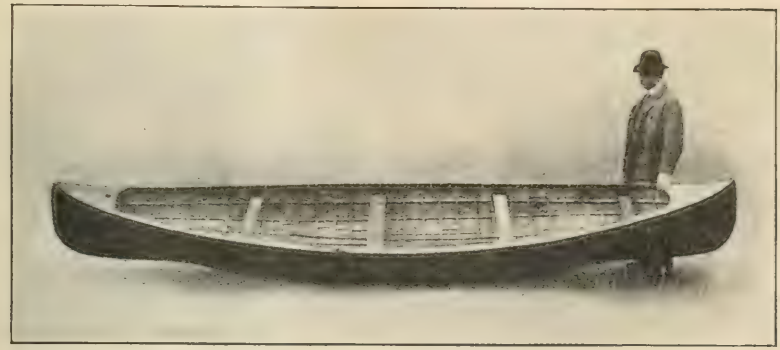

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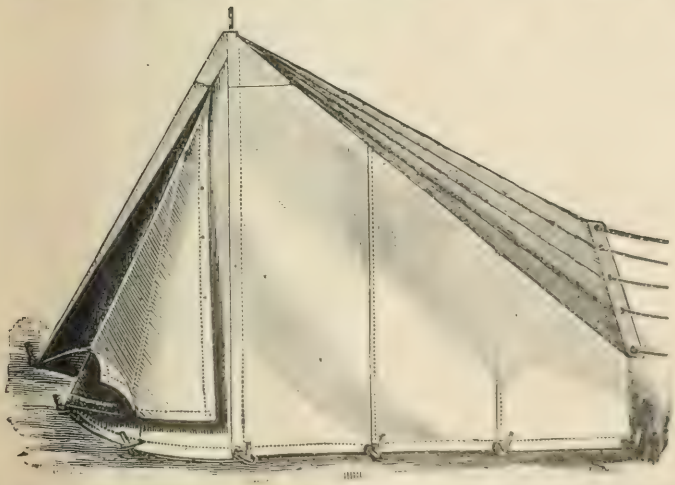

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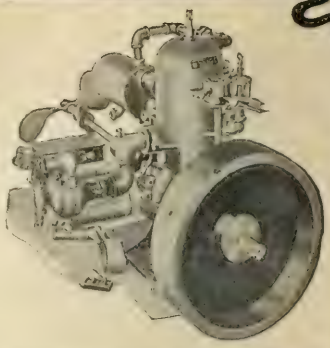

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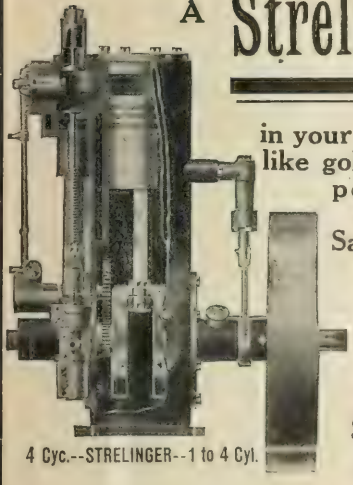

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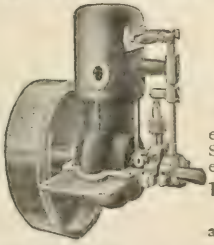

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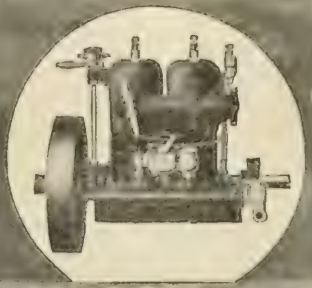

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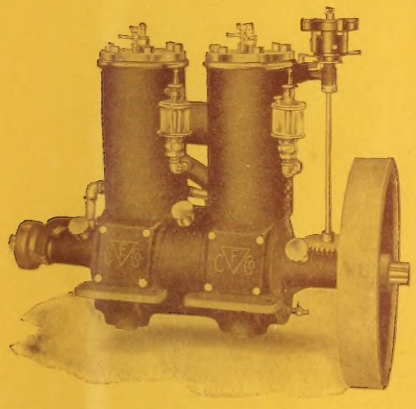

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